

20011112.qrp v02_n371.qrl.20011112

Date: Mon, 12 Nov 2001 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2371

QRP-L Digest 2371

Topics covered in this issue include:

- 1) [111295] Re: NorCal Cap kit Contents
by "James R. Duffey" <jamesd1@flash.net>
- 2) [111296] qrp+
by ARDUJENSKI@aol.com
- 3) [111297] Re: propogation and reciprocity
by "Karl F. Larsen" <k5di@zianet.com>
- 4) [111298] RE: NorCal Cap kit Contents
by Mark Schoonover <schoon@amgt.com>
- 5) [111299] Operating from the trail in Colorado Monday
by Gary Slagel <gdslagel@yahoo.com>
- 6) [111300] FS: SW30 and SW40+
by Gary Slagel <gdslagel@yahoo.com>
- 7) [111301] A Quiet ATX Computer Supply?
by wb2vuo@juno.com
- 8) [111302] Re: Parts
by "W3CDE Jerry L." <w3cde@bellsouth.net>
- 9) [111303] Still Looking To Trade
by NV9Z@aol.com
- 10) [111304] Re: FINAL FOX #5 Log
by penzo@juno.com
- 11) [111305] Re: A Quiet ATX Computer Supply?
by "ZOOM" <kandrparker@sympatico.ca>
- 12) [111306] Ft Wayne, Indiana Hamfest and QRP Forum
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 13) [111307] Re: Parts
by "Steven Weber" <kd1jv@moose.ncia.net>
- 14) [111308] k1 4 band woes
by David Adams <n9uxu@yahoo.com>
- 15) [111309] ZS6K0/QRP - 14.060 @ 001Z
by David Gauding <david.gauding@bbs.galilei.com>
- 16) [111310] For Sale: Whiterook MK-44 & leg strap
by Paul Womble <pwomble1@tampabay.rr.com>
- 17) [111311] Sidetone "fade" on 2N2-40 Rig
by "TC Dufresne" <tdufresne@neb.rr.com>
- 18) [111312] WHEW!! mail bombed Many "BIG THANKS TO ALL"
by IamSF5@aol.com
- 19) [111313] Re: Free UniCounter PC Boards

- by Ron S Stone <rsstone@juno.com>
- 20) [111314] test 2
by "David Adams" <adamsclan@telocity.com>
- 21) [111315] can't post
by David Adams <david@theadamsclan.com>
- 22) [111316] How Long is a "Longwire" Ant?
by "Adrian Weiss" <aweiss@usd.edu>
- 23) [111317] Re: Understanding Propagation
by "Adrian Weiss" <aweiss@usd.edu>
- 24) [111318] PSK 31 Minimal Configuration
by Jack Bennett <J.Bennett@lboro.ac.uk>
- 25) [111319] norcal hole kit
by Euramcom <mel@euramcom.freeweb.co.uk>
- 26) [111320] norcal hole kit
by "Louie" <lou@harborside.com>
- 27) [111321] Slightly OT: ARRL grid
by Mark Fields <mark_ke5my@juno.com>
- 28) [111322] Re: Slightly OT: ARRL grid
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 29) [111323] Re: Slightly OT: ARRL grid
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 30) [111324] Re: Slightly OT: ARRL grid
by "Mark J. Dulcey" <mark@buttery.org>
- 31) [111325] Re: Slightly OT: ARRL grid
by "Rod NØRC" <rod@nØrc.com>
- 32) [111326] Re: norcal hole kit
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 33) [111327] OT:REDHAT Linux 7.2
by Brad Mitchell <n8yg@yahoo.com>
- 34) [111328] Antenna ideas
by "Karl F. Larsen" <k5di@zianet.com>
- 35) [111329] Grid Square Determination
by "Rod NØRC" <rod@nØrc.com>
- 36) [111330] Fw: Antenna ideas
by "Rod NØRC" <rod@nØrc.com>
- 37) [111331] Re: Antenna ideas
by "Louie" <lou@harborside.com>
- 38) [111332] Loops, trimmer caps and MFJ 269's
by "Tim A. King Jr." <iflyos@hotmail.com>
- 39) [111333] OT: 6811 Microcontroller tools
by "Mike Yetsko" <myetsko@insydesw.com>
- 40) [111334] Re: [Elmer 101] E/I/R Analogy
by Bruce Muscolino <w6toy@erols.com>
- 41) [111335] "Longwire" Ant for VHF/UHF?
by Radioham <radioham@home.com>
- 42) [111336] Re: 6811 Microcontroller tools
by "w8diz" <w8diz@fpqrp.com>
- 43) [111337] Re: Antenna ideas

by Drbob92031@aol.com

44) [111338] RE: Antenna ideas
by Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>

45) [111339] Re: "Longwire" Ant for VHF/UHF?
by "W3CDE Jerry L." <w3cde@bellsouth.net>

46) [111340] Re: How Long is a "Longwire" Ant?
by William R Colbert <w5xe@juno.com>

47) [111341] Re: Antenna ideas
by William R Colbert <w5xe@juno.com>

48) [111342] RE:QRP Dummy Load
by "Patrick Cummins" <pcummins@misnet.com>

49) [111343] Re: Antenna ideas
by Bruce Muscolino <w6toy@erols.com>

50) [111344] Voltage/Current/Resistance Analogy
by David Hochfelder <hochfeld@rci.rutgers.edu>

51) [111345] Re: Parts
by "Lau, Zack, W1VT" <zlau@arrl.org>

52) [111346] Re: How Long is a "Longwire" Ant?
by Bruce Muscolino <w6toy@erols.com>

53) [111347] Re: Fw: Antenna ideas
by Larry Cahoon <lejek@erols.com>

54) [111348] Re: "Longwire" Ant for VHF/UHF?
by Dave Sjolin <sjolin@swbell.net>

55) [111349] RE: [fpqrp] O-Scope Needed
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

56) [111350] Re: can't post
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>

57) [111351] Re: Antenna ideas
by "George, W5YR" <w5yr@att.net>

58) [111352] Fort Wayne Hamfest
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>

59) [111353] Re: Fort Wayne Hamfest
by Dave Gingrich K9DC <gingrich2@dcg.org>

60) [111354] Re: can't post
by "David Adams" <david@theadamsclan.com>

61) [111355] FINAL FOX LOG #5 n0tu rev2
by "Steve/n0tu" <n0tu@webaccess.net>

62) [111356] Re: Antenna ideas
by RangerSF5@aol.com

63) [111357] Re: Antenna ideas
by Vance Huntsinger <vhuntsinger@iwic.net>

64) [111358] Re: Antenna ideas
by "ccaro" <cjcaro35@hotmail.com>

65) [111359] Re: Antenna ideas
by Jim Campbell <jim-c@nc.rr.com>

66) [111360] FINAL FOX LOG #5 n0tu rev3
by "Steve/n0tu" <n0tu@webaccess.net>

67) [111361] Re: [fpqrp] Just in case you haven't heard yet....

by IamSF5@aol.com

68) [111362] RE:QRP Dummy Load
by "Brice D. Hornback" <bdh@cyberbound.net>

69) [111363] RE:QRP Dummy Load
by "Louie" <lou@harborside.com>

70) [111364] Re: [fpqrp] Just in case you haven't heard yet....
by "Rob Matherly" <kc0bom@arrl.net>

71) [111365] Re: Loops, trimmer caps and MFJ 269's
by Alex <kr1st@amsat.org>

72) [111366] [Elmer 101] TF land ready
by tf3vst@vortex.is (Villi Idunni)

73) [111367] RE: [fpqrp] Just in case you haven't heard yet....
by Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>

74) [111368] Whence N8VAR Fox Log
by Rod Cercone <rod@n0rc.com>

75) [111369] Re: Loops, trimmer caps and MFJ 269's
by "KD5NWA" <KD5NWA@mbayona.com>

76) [111370] Re: [fpqrp] Just in case you haven't heard yet....
by Bruce G Shaw <kg4dzu@juno.com>

77) [111371] Re: Loops, trimmer caps and MFJ 269's
by Alex <kr1st@amsat.org>

78) [111372] Re: [fpqrp] Just in case you haven't heard yet....
by Bruce Muscolino <w6toy@erols.com>

79) [111373] Re: Fort Wayne Hamfest
by <igeq100@iupui.edu>

80) [111374] Re: [fpqrp] Just in case you haven't heard yet....
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>

81) [111375] I need to build a simple xtal oscillator
by "Kurt Kiesow \ (Home\)" <kurt@kiesows.com>

82) [111376] RE: [fpqrp] O-Scope -club auction
by William R Colbert <w5xe@juno.com>

83) [111377] RE: It's not about technical competence
by "Marty N5NW" <n5nw@onebox.com>

84) [111378] FOX: Log for Nov 8, N8VAR
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>

85) [111379] Re: Norcal Toroid, Resistor and Capacitor kit contents
by "Lee Mairs" <lmairs@cox.rr.com>

86) [111380] Linux and ham radio (was: OT: RedHat 7.2)
by "Caitlyn M. Martin" <ku4qd@qsl.net>

87) [111381] Switches on CMOS keyer
by "Karl F. Larsen" <k5di@zianet.com>

88) [111382] Re: [fpqrp] Just in case you haven't heard yet....
by "Caitlyn M. Martin" <ku4qd@qsl.net>

89) [111383] Wtd MFJ 259 Antenna Analyzer
by "Paul Warman" <pswarman@pswarman.screaming.net>

90) [111384] Re: [fpqrp] Just in case you haven't heard yet....
by "Tim A. King Jr." <iflyos@hotmail.com>

91) [111385] FS MFJ mod 259 & Palomar Eng. RX Noise Bridge

by fcsww@juno.com
92) [111386] MT63 & that Windows bonk
by nilsbull@juno.com
93) [111387] Re: [fpqrp] Just in case you haven't heard yet....
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
94) [111388] HW-8 mod queations
by WE7X@aol.com
95) [111389] RE: [fpqrp] Just in case you haven't heard yet....
by Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>
96) [111390] Re: I need to build a simple xtal oscillator
by "Trevor Jacobs" <fxtech@earthlink.net>
97) [111391] [Elmer 101] Ohm's Law and kits
by "Bert Herald" <wf7i@hotmail.com>
98) [111392] Re: I need to build a simple xtal oscillator
by wb0wao@hotmail.com (Dennis Ponsness)
99) [111393] Re: [fpqrp] Just in case you haven't heard yet....
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
100) [111394] Meteor storm.....NOV 18 th
by IamSF5@aol.com
101) [111395] Re: FS MFJ mod 259 & Palomar Eng. RX Noise Bridge
by fcsww@juno.com
102) [111396] [Elmer 101] Software help
by "Bert Herald" <wf7i@hotmail.com>

Date: Sun, 11 Nov 2001 18:19:18 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [111295] Re: NorCal Cap kit Contents
Message-ID: <B81471A5.ECAA%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Tear up those checks. There is no such NorCal kit coming. Twas Karl's joke.
I was duped. Anyone else? - Duffey

--
James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 11 Nov 2001 20:26:35 EST
From: ARDUJENSKI@aol.com
To: nwq-l@scn.org, qrp-l@lehigh.edu

Subject: [111296] qrp+
Message-ID: <88.f14d7e2.29207f4b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am forwarding this ad on on behalf of a fellow ham.

RADIOHF - FS QRP Plus Transceiver
FS a like new Index Lab QRP Plus HF Transceiver. Has original manual and power cord. Built in Keyer. Works great. No mic. Price is \$295 plus shipping from 79602.
Thanks, Charlie Hugg, K5MBX

Listing #116463 - Submitted on 11/09/01 by chashugg@earthlink.net, Callsign: K5MBX, Web Site:

Alan KB7MBI in Woodinville, WA
FISTS 5702

Date: Sun, 11 Nov 2001 18:35:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: W2AGN <w2agn@pobox.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [111297] Re: propogation and reciprocity
Message-ID: <Pine.LNX.4.33.0111111833230.2856-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If this isn't flaming I'm not sure what it is. I suggest if your this insensed about my message's that you simply delete them. I plan to delete yours too.

On Sun, 11 Nov 2001, W2AGN wrote:

> On Sunday 11 November 2001 17:00, Karl F. Larsen wrote:
> >
>
> A couple paragraphs of annoying crap.....
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 11 Nov 2001 17:37:41 -0800
From: Mark Schoonover <schoon@amgt.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
 "jamesd1@flash.net" <jamesd1@flash.net>
Subject: [111298] RE: NorCal Cap kit Contents
Message-ID: <BF889CEBEFD2D511B993009027F60ABE3ADB@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain

I was waiting for the NORCAL PCB hole kit! ;)

.mark

> -----
> From: James R. Duffey[SMTP:jamesd1@flash.net]
> Sent: Sunday, November 11, 2001 5:19 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: NorCal Cap kit Contents
>
> Tear up those checks. There is no such NorCal kit coming. Twas Karl's
> joke.
> I was duped. Anyone else? - Duffey
> --
> James R. Duffey KK6MC/5
> 30 Casa Loma Road
> Cedar Crest, NM 87008
>
>

Date: Sun, 11 Nov 2001 17:42:57 -0800 (PST)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [111299] Operating from the trail in Colorado Monday
Message-ID: <20011112014257.47184.qmail@web11604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi guys!

I'm going to be hiking in the Mt Evans Wilderness in Colorado tomorrow, Monday Nov 12. I plan to be on 20 meters somewhere around 11AM to 1PM MST at about 14.060. If ur around, please give me a listen.

73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?
Find a job, post your resume.
<http://careers.yahoo.com>

Date: Sun, 11 Nov 2001 17:51:23 -0800 (PST)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [111300] FS: SW30 and SW40+
Message-ID: <20011112015123.88984.qmail@web11601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've got tooooo many rigs! Following for sale:

SW30 - not the sw+. No mods except I put a new power connector on it that matches the sw+ series. The old connector is still on the rear panel but is no longer functional. In excellent shape and works great! \$70

SW40+ - includes the freq-mite and the rit option. freq-mite button, rit switch and control knob all on front panel. Looks and works great! \$95

Guess I'd better get \$6 apiece insurance & shipping also. Make me a deal on both!

73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?
Find a job, post your resume.
<http://careers.yahoo.com>

Date: Sun, 11 Nov 2001 21:09:22 -0500
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [111301] A Quiet ATX Computer Supply?
Message-ID: <20011111.210923.-496535.1.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I have graduated from the AT to the ATX-form in the shack computer, and have discovered that the ATX-type supply is a great RF generator, not a desirable thing in the ham shack!

Have any of you on the List found an ATX supply/case that is RF-quiet? I asked around in the local amateur community and found no one that was happy with the level of RF noise out of their ATX-based computers.

I am using the same drives/cards/monitor here and with the K6-233 on an AT-form motherboard and PS the old comp was quiet, RF-wise...

Before one suggests, I already checked Google.com, looked for reviews of cases on CNET and ZDNet and the like.

I may have to go back a step to the old comp!

72/73, Wm. Keith Hibbert, WB2VUO, TC/ARRL WNY Section
100% QRP from the Depths of the Great Bergen Swamp
"My night light runs more power than my Rig!"
<mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 11 Nov 2001 21:30:56 -0500
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [111302] Re: Parts
Message-ID: <3BEF3460.532C9DAC@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Power Transformer is a great KEEPER!!! If you ever want a
good HV supply...

Jerry
W3CDE

"Karl F. Larsen" wrote:

>
> About the only thing in those is a tiny microchip of special design and a
> magnetron of no value and a wierd HV supply. Might get a few diodes from
> that. But not worth the effort.
>
> On Sat, 10 Nov 2001 moglesto@ecentral.com wrote:
>
> > I've got a 20 year old micorwave oven (one of the BIG ones) that, while
> > not dead, is being replaced.
> >
> > I've got 3 days until the trash man comes to take it away.
> >
> > What parts are in it that I should salvage?
> >
> > It has a touch pad to controll the operation - is there any use in that?
> >
> > Thanks
> >
> > de KI00T, Brad
> >
> >
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

> <http://www.qsl.net/k5di/>

Date: Sun, 11 Nov 2001 21:31:32 EST
From: NV9Z@aol.com
To: qrp-l@lehigh.edu
Subject: [111303] Still Looking To Trade
Message-ID: <33.1dca4f24.29208e84@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello QRPers!

Maybe the third time posting will be the charm. I have a pair of MFJ monoband QRP rigs (9020 and 9040) for TRADE. Both have the optional keyer and cw filter modules installed.

I would like to trade these rigs for a multiband rig. Please contact me off list at NV9Z@aol.com.

Thanks and very 73/72!

Chris Blaase NV9Z QRP-L #2370

Date: Sun, 11 Nov 2001 22:29:58 -0500
From: penzo@juno.com
To: qrp-l@Lehigh.EDU
Subject: [111304] Re: FINAL FOX #5 Log
Message-ID: <20011111.223000.-134997.0.penzo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did I miss fox #6 (N8VAR) log?
73,
Mike, KT4FJ

On Sat, 10 Nov 2001 08:56:11 -0700 "Steve/n0tu" <n0tu@webaccess.net> writes:

> Here ya go hounds ...the corrected log for FOX Hunt #5.
>
> Now at 115 pelts!
> I dropped W5YR in my first transcription, oops!

> Sri George, ur in it now!

>

> Steve/n0tu

>

> FOX HUNT NUMBER 5 Nov.9, 2001

>

> UTC CALL RPT(rc'd) State Name PWR

>

> 0201 KK5LD 559 TX Dan 5W

> 0202 AA7XA 559 OR Frank 5W

> 0203 W0CH 559 MO Dave 5W

> 0204 NQ7X 559 AZ Floyd 5W

> 0205 K7FD 559 OR John 5W

> 0205 K0FRP 579 CO Al 5W

> 0206 W7ILW 559 AZ Walt 5W

> 0207 K7TQ 559 ID Randy 5W

> 0208 N4ROA 559 VA Dan 5W

> 0209 N1FN 559 CO Et 5W

> 0209 VE6EX 559 AB Dan 5W

> 0210 WE9K 559 WI Glenn 5W

> 0211 NK6A 559 CA Don 5W

> 0212 KI0II 599 CO Ron 1W

> 0212 W9UQB/7 559 AZ Mike 5w

> 0213 VE6JAZ 559 ? Bob 5W

> 0214 W9HL 559 IL Randy 5W

> 0215 W5YR 559 TX George 5W

> 0216 K5LN 559 TX Bill 5W

> 0217 K6VNX 559 CA Arlen 5W

> 0218 K7WW 559 OR Art 5W

> 0218 K0EVZ 589 ND Doc 2w

> 0219 N0TK 579 CO Dan 5w

> 0220 N0AR 579 MN Scott 5w

> 0221 N6WG 559 CA Bob 5W

> 0222 N5UW 579 OK Clif 5W

> 0223 AA50 559 LA Vern 5W

> 0223 K8CV 559 MI Walt 5W

> 0224 K5DI 599 NM Karl 5W

> 0225 N1TP 559 FL Tom 3W

> 0226 AC6UV 559 CA Goudy 5W

> 0227 W6KI 559 CA Glen 5W

> 0228 N3BJ 559 VA Alan 5W

> 0229 N7TX 579 TX Steve 5W

> 0230 KB9YIG 569 IN Tony 5W

> 0231 K5ZTY 559 TX Bill 5W

> 0232 K5OI 559 OK Tim 5w

> 0233 K3PH 579 PA Bob 5w

> 0234 W5OHL 599 OK Jim 5w

> 0235 W8VJW 559 MI John 5w

> 0237 N3ZPQ 559 OH Frank 5w
> 0239 K4ADI 559 SC Frank 5w
> 0240 W5USJ 559 TX Chuck 5w
> 0241 W0UFO 559 MN Mert 5w
> 0241 K4TJD 559 GA Tom 5w
> 0242 VE5RC 559 SK Bruce 5w
> 0243 AB0CD 559 Dick CO 5w
> 0245 W5TB 559 TX Doc 5W
> 0246 N9IJ 589 IL Len 5w
> 0247 N5IB 559 LA Jim 5W
> 0248 KE6RS 559 CA Ron 5W
> 0249 K3IU 559 RI Ken 5w
> 0250 KR5C 579 TX George 5W
> 0251 WA9TZE 559 IL Jim 5W
> 0252 K5DW 559 TX Don 5W
> 0253 KC1FB 559 CT Jim 5W
> 0253 K5JHP 559 TX BILL 5W
> 0254 N0DSP 559 CO TOM 5W
> 0255 K9IS 559 WI STEVE 5W
> 0256 N0UR 579 MN JIM 5W
> 0257 AA4LR 579 GA BILL 5W
> 0258 KV4EE 559 SC CRAIG 5W
> 0259 K9WIS 559 WI BRIAN 1W
> 0300 KJ0C 589 MO JIM 5W
> 0301 N9AW 559 WI JERRY 5W
> 0302 AF4PS 559 FL MAC 3W
> 0303 N4MAP 559 GA SAM 4W
> 0304 NQ7K 559 AZ MIKE 5W
> 0305 KD5KXF 559 TX MIKE 5W
> 0306 K8KFJ 559 WV GARIE5W
> 0307 K4FB 569 FL PAUL 5W
> 0307 W9XU 559 WI LON 5W
> 0308 N0RC 599 CO ROD 5W
> 0308 AF4PP 559 GA CHUCK 5W
> 0309 NK9G 559 WI RICK 5W
> 0310 W0PWE 559 IA JERRY 5W
> 0311 VA6RF 559 AB EARL 5W
> 0312 WV9N 559 OH RANDY 5W
> 0313 AD6JV 559 CA BILL 5W
> 0314 VE3FAL 579 ON FRED 5W
> 0315 KB9LGJ 559 CA TIM 5W
> 0316 KC0ATC 559 CO CHRIS 3W
> 0317 NU4N 559 KY DAVE 5W
> 0318 N3WU 559 CO LARRY 5W
> 0319 WA7LNU 559 UT JACK 5W
> 0320 NM5M 559 TX ERIC 5W
> 0321 WA8BXN 559 OH MIKE 5W
> 0322 K3KD 559 TX DAVE 5W

> 0323 VA3JFF 559 QC JEFF 2W
> 0324 VE4WI 559 MB CRAIG 5W
> 0325 AA7EQ 559 AZ BOB 5W
> 0326 KV2X 559 NY TOM 5W
> 0327 K5EJA 559 AZ WAYNE 4W
> 0329 KG4LDY 559 VA JIM 5W
> 0330 NX8C 559 MI NEIL 5W
> 0332 W2XN 559 FL FRED 5W
> 0334 AB5XQ 559 AR BILL 5W
> 0335 KF4BYL 559 FL JACK 5W
> 0337 K7EL 559 OR DAVE 5W
> 0338 WD5CMA 559 LA GLORIA 5W
> 0339 AJ4AY 559 AL JAY 5W
> 0340 W5YW 559 LA MIKE 5W
> 0342 N0HRL 559 MN KEN 5W
> 0343 KG6CYN 559 CA TREV 5W
> 0344 W8RU 599 MI RON 5W
> 0345 N5WL 559 OK BART 5W
> 0347 NQ7T 559 UT GARY 5W
> 0349 WB8WTU 559 OH DENNIS 5W
> 0350 KB1DXC 559 CT MIKE 5W
> 0351 K3NG 559 PA GOODY 5W
> 0352 N5EN 559 TX STEVE 5W
> 0354 N2LO 559 NJ BOB 5W
> 0355 K5BGB 579 TX ROD 5W
> 0356 N9WW 599 IL JIM 5W
> 0358 KQ5U 599 TX TERRY 5W
>
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Date: Sun, 11 Nov 2001 22:19:55 -0500

From: "ZOOM" <kandrparker@sympatico.ca>

To: <wb2vuo@juno.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [111305] Re: A Quiet ATX Computer Supply?

Message-ID: <007b01c16b28\$e7204480\$3294fea9@robertpa>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had the same problem with my ATX power supply. S9 of noise on all rigs in the shack. I went and purchased another powersupply for \$40 and no more proble. Allot of the generic computers skimp on filtering on powersupplies and this is what you get is an RF dog's breakfast.

Get a bigger supply that can handle at least 300W and you should be ok.

Cheers,
Robert
VE3RPF

----- Original Message -----

From: <wb2vuo@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, November 11, 2001 9:09 PM
Subject: A Quiet ATX Computer Supply?

> Hi. Keith here in the Depths of the Great Bergen Swamp
>
> I have graduated from the AT to the ATX-form in the shack
> computer, and have discovered that the ATX-type supply is
> a great RF generator, not a desirable thing in the ham shack!
>
> Have any of you on the List found an ATX supply/case that
> is RF-quiet? I asked around in the local amateur community
> and found no one that was happy with the level of RF noise
> out of their ATX-based computers.
>
> I am using the same drives/cards/monitor here and with the
> K6-233 on an AT-form motherboard and PS the old comp
> was quiet, RF-wise...
>
> Before one suggests, I already checked Google.com, looked
> for reviews of cases on CNET and ZDNet and the like.
>
> I may have to go back a step to the old comp!
>
> 72/73, Wm. Keith Hibbert, WB2VU0, TC/ARRL WNY Section
> 100% QRP from the Depths of the Great Bergen Swamp
> "My night light runs more power than my Rig!"
> mailto:wb2vuo@arrl.net
>
> -----
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Date: Sun, 11 Nov 2001 22:50:55 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU
Subject: [111306] Ft Wayne, Indiana Hamfest and QRP Forum
Message-ID: <200111120351.fAC3opgK009752@hagus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Ft. Wayne Indiana Hamfest is this coming weekend - Nov 17 and 18.

A four page flier is avialable at <http://www.acarts.com/images/flyer01.pdf>

I will be doing the usual QRP Forum (12:30 Saturday) again this year - bring all your latest projects and we do show and tell for as long as we can hang on to the room. If no one brings anything I will have a talk ready to go on my "Assault on the CQ WW CW Test 2001 - QRP Class"

The past several years we have had a good turnout of homebrew gear from the very simple to the complex. Quite a bit of it was "Ugly Construction" - my favorite mode of construction. I believe the Flying Pigs will be ther in force again with their latest projects... (Diz - Comments??)

There is also a forum on Homebrewing Sunday at 10 AM

I will have a booth in the same location as last year. Look for the DK9SQ masts and loop I will have up - it will be easy to spot!. I will have a good stock of DK9SQ masts and antennas, along with Kanga Kits, Hands Electronics kits, and kits designed by KK7B and W7ZOI. I hope to have a fresh shipment of FOXX3's in from the UK.

Looking forward to seeing a lot of you there!

73 - Bill - N8ET
Kanga US
kanga@bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Sun, 11 Nov 2001 23:27:42 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [111307] Re: Parts
Message-ID: <200111120356.fAC3uxv26193@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>

> About the only thing in those is a tiny microchip of special design and a
> magnetron of no value and a wierd HV supply. Might get a few diodes from
> that. But not worth the effort.

>

Actually, the little power transformer on the control board might be handy, and there are generally a couple of small relays on there too. Maybe a 5V regulator too, along with diodes and filter caps. Not much else though. Maybe you could use the fan for something. The light bulb socket, fuse holder and line cord could be worth saving too. If it has a carassel, the low speed gear motor could be handy, but it's 110V. Always worth saving the glass tray from inside.

You can get *miles* of thin magnet wire off the HV transformer, for several life times supply of stealth antennas:-) If you can find two identical HV transformers, you can grind off the weld holding the bottom laminations in place, remove the HV secondary on one, the primary on the other, then put both primaries on one core, weld the bottom laminations back on and have a high current 1:1 isolation transformer.

You can break apart the magnatron and get two strong ring magnets for holding floppy disks to the refridgerator door - on second thought, that might not be a good idea... <g> Actually, I use them to magnatize screw drivers.

You could cut up the sheet metal cover and make project boxes.. though that might be a lot of work! Use the metal to patch up the old rust bucket ?

See, it's almost worth the effort to tear one of these things apart:-)

72,

Steve, KD1JV in the White Mountains of New Hampshire
"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

Date: Sun, 11 Nov 2001 19:59:49 -0800 (PST)
From: David Adams <n9uxu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [111308] k1 4 band woes
Message-ID: <20011112035949.39787.qmail@web14207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Okay...I finally got around to installing my 4-band module and it is given me some serious grief. The rig works full bore with the 2 band module. With the 4 band in, the receive peaks with noise and a signal from my 706. On transmit, I get sidetone and nothing else (P.01 displayed for all bands). I checked the board and found one unsoldered relay pin (which I fixed) and touched up all questionable joints. Still no power. Clearly a problem with the band module, but I'm stumped if I can find it. Any thoughts?

Dave

Do You Yahoo!?
Find a job, post your resume.
<http://careers.yahoo.com>

Date: Sun, 11 Nov 2001 22:05:17 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [111309] ZS6K0/QRP - 14.060 @ 001Z
Message-ID: <5.1.0.14.0.2001111220122.028f26a0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

ZS6K0/QRP - 14.060 @ 001Z

Bill in Pretoria running 4 watts to 2 element yagi - 539 into Midwest with 329 to me! <g> Needless to say, great ears at the other end.

Used Argo 515 at 1 watt to St. Louis Quickie portable vertical.

Working N10DL/QRP @ 0404Z

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Sun, 11 Nov 2001 23:37:20 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [111310] For Sale: Whiterook MK-44 & leg strap
Message-ID: <3BEF5200.27D5DBFA@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Whiterook MK-44 double lever paddle & leg strap.

Shipped to your door for \$20 in the US. Contact me for DX shipping.

73
Paul K4FB

Date: Mon, 12 Nov 2001 04:34:47 -0000
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [111311] Sidetone "fade" on 2N2-40 Rig
Message-ID: <000001c16b3a\$77f366c0\$89b41c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I JUST loaded my antenna and no output!! Bummer.. I'll see if I missed/messed something.....Get back to ya soon..

However, I did notice the sidetone "fades" after about 1-2 seconds on-time. Is this normal? I thought I saw someone mention something about this....

PROBS TO DATE:

- 1) no output from PA seen on MFJ Versa Tuner
- 2) Sidetone fade as mentioned
- 3) Still having difficulty with TC6 cap-may have to exchange as I did for TC5

Comments: This RCVR REALLY sounds good! I hope my TX works as well....
Tom

Date: Mon, 12 Nov 2001 00:29:33 EST
From: IamSF5@aol.com
To: qrp-1@lehigh.edu, fpqrp-1@mpna.com
Cc: antennas@qth.net
Subject: [111312] WHEW!! mail bombed Many "BIG THANKS TO ALL"
Message-ID: <57.1895e73.2920b83d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I went out for the rest of the day and when I returned I checked my mail.
I had 109 hams giving advice on my antennas question.
I had some antenna URL's sent to me and advice on the balun and tuner / tuner and grounding the system.
I guess I didn't make my self to clear on being 100% QRM free.
What I meant is that I have ZERO QRM here and when I hear a weak station and I can't copy I feel that I have an antenna problem.
Actually its me expecting to much from a simple wire.
A beam for 40 meters I can't have here but I better reconsider how good my wires are humming.
Just about everyone suggested winding a choke at the feed point or go with the beads.
So far I'm not generating no QRM/TVI but I think tomorrow when I put up the antennas I picked up from the old QTH today, I'm going to do just that and stay ahead of any RF coming down the feed line.
Again,
Many thanks to all who responded.
I really appreciate all the help, information and advice.
72.73
Bob
WA2HOQrp <tm>

Date: Mon, 12 Nov 2001 00:37:27 -0500
From: Ron S Stone <rsstone@juno.com>

To: qrp-1@Lehigh.EDU
Subject: [111313] Re: Free UniCounter PC Boards
Message-ID: <20011112.003733.-523755.0.rsstone@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

They're all gone!

72,

Ron (KA3J)

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 11 Nov 2001 22:17:30 -0800
From: "David Adams" <adamsclan@telocity.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [111314] test 2
Message-ID: <000701c16b41\$b7918c60\$6401a8c0@n9uxu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

test

Date: Sun, 11 Nov 2001 22:21:24 -0800
From: David Adams <david@theadamsclan.com>
To: qrp-1@lehigh.edu
Subject: [111315] can't post
Message-ID: <3BEF6A64.9090308@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Can't seem to post from my regular account...testing.

dave

Date: Mon, 12 Nov 2001 08:53:31 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@lehigh.edu
Subject: [111316] How Long is a "Longwire" Ant?
Message-ID: <GMODU402.ZEY@mail.usd.edu>

Hi gang:

I thought I ought to toss in a "definition" issue about the use of the term "longwire" antenna. The ARRL ANTENNA BOOK has a useful definition implicit in:

"Since a wire is not 'long,' even at 28MHz, unless its length is equal to at least a half wavelength on 3.5MHZ ..."

For a wire to be "long," it has to be several wavelengths long before the reinforcement of waves traveling along the wire begin to depart from the "figure 8" pattern characteristic of a half wavelength antenna and begin to exhibit (at first) 4 lobes. As the wire gets longer electrically, the four major lobes in a coverleaf pattern migrate toward the directions of the wire and minor lobes begin to appear in the horizontal pattern. The major lobes begin to exhibit gain over the major lobes of a dipole. With a true longwire, you just feed its end thru a tuner (L-network usually).

I've had up several "longwires" (1900ft, 1600ft, 1300ft) and the directionality on the low bands (160-40) as well as the gain becomes more obvious the higher in frequency one goes. The trade-off is also obvious as the nulls deepen.

So, just for the sake of discussion, let's bear in mind that a 150ft wire on 10m is just starting to be a "longwire" and on the lower bands, we're more or less talking about an endfed wire with the characteristic figure-8 broadside radiation pattern with a tad of gain on 28MHz.

Wes Hayward's web site (previous threading of the needle) has some good experimental results.

72, Ade

Date: Mon, 12 Nov 2001 09:31:28 GMT
From: "Adrian Weiss" <aweiss@usd.edu>

To: qrp-1@lehigh.edu
Subject: [111317] Re: Understanding Propagation
Message-ID: <GMOFLD03.TEV@mail.usd.edu>

Hi all:

To add a couple of footnotes to Dr Meg's excellent summary..

The propagation programs all are based upon statistical methods and database information about levels of ionization at various magnetic latitudes that have been built up by ionosondes (i.e., beacons which send a sign straight up, and be measuring the return time, calculate a "virtual height of reflection" (i.e., the heigh at which the signal would have reflected if a perfect copper plate were up there instead of billions of ions scattered across 40km of height). As Jim pointed out, you have to supply the essential parameters (locations, SS/AF number, date, time etc.) which will determine the path (great circle bearing calculation). One key parameter is usually built into the program -- transmitted power. I Like the W6EL windows program best of all. It allows me to reset the assumed 100w transmitted power to 5w or 1w or whateverby entering a -dB power ratio number, and to set the kind of noise at the receiving end as well as the signal-to-noise ratio that is considered tolerable. Life isn't so easy once these parameters are set! To make matters worse, W6EL allows me to set the lower limit radiation angle for the path calculation. This really makes life worse! When set at 2-degrees, I can hit FR5 (16495km path) in 8 hops with noice signal strength relative to noise. BUT, my dipole is at 45ft, not 250ft! So, if I set the lower limit at, say 14-degrees, all of a sudden I'm up to 12 hops or so, and my signal-noise ratio is like -25dB!!! Fat chance!!!

At any rate, the pgm first calculates the path and uses an iteration algorithm to seek out the lowest radiation angle that will complete the path given the database info. That is, as Jim pointed out, the statistically averaged virtual height at possible reflection zones for a given radiation angle requiring 6 hops, say, is found, then the MUF calculated from the database. The database contains all the data for season, day, time, solar positions etc, but these are statistical values. This is where understanding what the pgm does becomes fuzzy. Probability enters the picture. This means, given the data accumulated over the last 30 years, an SSN of 'nnn' on Nov. 11 at 0430Z, it is highly probable that the MUF at reflection zone #1 will be 20MHZ, at #2, 18MHz and so on out to hop zone #6. BUT a probability does not necessarily mean that right now, that's what the MUF's at the 6 relection zones actually are. It is a probability that they will be. That where the ">50% of the time" comes from. The W6EL "A" "B" "C" his way of stating the probability ranges. At any rate, the pgm iterates looking the the best (lowest) radiation angle that will actually reflect at each of the 6 hop zones. It's a complicated bunch of calculations because the virtual height will be different at each reflection zone, thereby producing a complicated geometry problem.

As Jim mentioned, Davies has been the "expert" since he did his stuff in the 1950's and afterwards. Propagation is technical stuff and it is not as simple as the nice little drawings in the books suggest. No mirrors up there! It's all fog.

As one poster mentioned, the pgms are a lot of fun. But in my case on 30m as well as 15m, the probability that the predictions will match up with what I actually work is usually "<25%" on the whole, in either direction, i.e., either I'm supposed be S/N -15dB at FR5FD when I work him on 30m, or the probability is 100% that I will be 15dB above 0.5uv and +25dB S/N when I don't work him! In the final analysis, if I hear them I call them. And sometimes, if I can hardly hear but not copy them for 5 mins, I still call first and worry about finding out who I worked later on!

72, Ade

Date: Mon, 12 Nov 2001 08:28:54 +0000
From: Jack Bennett <J.Bennett@lboro.ac.uk>
To: qrp-l@lehigh.edu
Subject: [111318] PSK 31 Minimal Configuration
Message-ID: <3.0.6.32.20011112082854.007dfe10@staff-mailin.lboro.ac.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,

Does anyone know if there is any softawre to run PSK31 on a 386 with WIN 3.1 or DOS. It seems such a shame that there are so many older machines that would otherwise lend themselves very well to the task.

Many thanks for the bandwidth,

72,

Jack
G3PVG

Date: Mon, 12 Nov 2001 10:39:39 +0000

From: Euramcom <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [111319] norcal hole kit
Message-ID: <E163EWA-0001I5-00.2001-11-12-10-40-43@mail12.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Surely you would need to order this from a

[illegible]

wholesaler!

Groan! Couldn't resist it chaps!

Regards

mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
 Home of the last HW9

Visit <http://www.euramcom.freesevice.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Mon, 12 Nov 2001 02:56:32 -0800

> >
> > wholesaler!
> >
> > Groan! Couldn't resist it chaps!
> >
> > Regards
> >
> > mel
> >
> >
> > --72 and 73 de Mel Evans, e-mail mel@euramcom.freemove.co.uk
> >
> > Mel Evans GM6JAG Edinburgh Scotland
> > Home of the last HW9
> >
> > Visit <http://www.euramcom.freemove.co.uk> for
> > US Euro Ham Radio Equivalent Parts and info,
> > Add-a-Link page let's you add your own pages instantly
> >
> >
>

Date: Mon, 12 Nov 2001 05:19:24 -0600
From: Mark Fields <mark_ke5my@juno.com>
To: qrp-l@lehigh.edu
Subject: [111321] Slightly OT: ARRL grid
Message-ID: <20011112.051959.-175235.7.mark_ke5my@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone tell me how to find out the full six-character ARRL grid
number for my QTH? Thanks.

KE5MY

73, Mark,

QRP-L #

2365

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 12 Nov 2001 06:50:17 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <mark_ke5my@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111322] Re: Slightly OT: ARRL grid
Message-ID: <003a01c16b70\$38816d80\$5703b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark,

You could go to the ARRL website and do a search for "grid squares." You will find complete instructions on how to find your grid location.

73,

Dick K2JQ

-----Original Message-----

From: Mark Fields <mark_ke5my@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, November 12, 2001 6:21 AM
Subject: Slightly OT: ARRL grid

> Can anyone tell me how to find out the full six-character ARRL grid
> number for my QTH? Thanks.

>

73, Mark,

>KE5MY

>

QRP-L #

>2365

Date: Mon, 12 Nov 2001 07:17:33 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [111323] Re: Slightly OT: ARRL grid
Message-ID: <GCECIJFJPOHMCKACOA0BMEJCDA000.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark -- KE5MY:

Here are a couple ARRL sites to check out. The first is info on grid squares <http://www.arrl.org/locate/gridinfo.html>

The second is a grid square calculator <http://www.arrl.org/locate/grid.html>

I hope this info helps.

73,

Jake -- N4UY

Date: Mon, 12 Nov 2001 07:13:53 -0500
From: "Mark J. Dulcey" <mark@buttery.org>
To: mark_ke5my@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111324] Re: Slightly OT: ARRL grid
Message-ID: <3BEFBD01.2000806@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Mark Fields wrote:

> Can anyone tell me how to find out the full six-character ARRL grid
> number for my QTH? Thanks.

One easy way is to look yourself up on QRZ.COM. The detailed information will tell you your grid square, based on geocoding of your street address. It won't work if your license address can't be geocoded for some reason, such as it being a post office box or rural route address, if you live on a new street that their database doesn't know about yet, or if your station location doesn't match the address on your license.

By the way, it says you're in grid square EL29fp.

Date: Mon, 12 Nov 2001 05:25:03 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <mark_ke5my@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111325] Re: Slightly OT: ARRL grid
Message-ID: <001d01c16b75\$1189e540\$6401a8c0@c919125b>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark,

----- Original Message -----

From: "Mark Fields" <mark_ke5my@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, November 12, 2001 4:19 AM
Subject: Slightly OT: ARRL grid

> Can anyone tell me how to find out the full six-character ARRL
grid
> number for my QTH? Thanks.

Have you tried the various methods listed on the ARRL website at:

<http://www.arrl.org/locate/gridinfo.html>

73, Rod N0RC
Ft Collins, CO

Date: Mon, 12 Nov 2001 07:28:16 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <lou@harborside.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [111326] Re: norcal hole kit
Message-ID: <000f01c16b75\$81bbd1c0\$2e211c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Perhaps the most important thing to remember about a hole is that it is the
only known thing that you can take away from and make it bigger!!!!

carl / kz5ca

----- Original Message -----

From: "Louie" <lou@harborside.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, November 12, 2001 5:56 AM
Subject: norcal hole kit

```
>
>
>
> Yes every one must have a good hole kit.> Just think with the kit you
could
> have a hole for every accession.
>
> Don't pore the out on a glass table top though. You may never find them
> again. I know for I did that. <G>
>
> TTYL, 73s
>
> Lou
> XE2EKK
>
> > ----- Original Message -----
> > From: "Euramcom" <mel@euramcom.freemove.co.uk>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Monday, November 12, 2001 2:39 AM
> > Subject: norcal hole kit
> >
> >
> > > Surely you would need to order this from a
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > wholesaler!
> > >
> > > Groan! Couldn't resist it chaps!
> > >
> > > Regards
> > >
> > > mel
```

> > >
> > >
> > > --72 and 73 de Mel Evans, e-mail mel@euramcom.freeseerve.co.uk
> > >
> > > Mel Evans GM6JAG Edinburgh Scotland
> > > Home of the last HW9
> > >
> > > Visit <http://www.euramcom.freeseerve.co.uk> for
> > > US Euro Ham Radio Equivalent Parts and info,
> > > Add-a-Link page let's you add your own pages instantly
> > >
> > >
> >
>
>

Date: Mon, 12 Nov 2001 04:47:55 -0800 (PST)
From: Brad Mitchell <n8yg@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [111327] OT:REDHAT Linux 7.2
Message-ID: <20011112124755.15874.qmail@web14707.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ok, all of you guys/gals that have wanted to try Linux

but didn't want to get into a tangled mess.
I think that the latest version of Redhat Linux (7.2)
is ready you.

I finally got enough nerv go from 7.0 to 7.2.
I got all my documentation ready, my sound card info,
my network card information, my information on my
monitor, etc., and started the install.

I installed as a workstation, and after reboot,
everything just worked.

I didn't have to do anything to set up my network card
to start getting on the internet, and my slightly
obscure sound card worked as well.

NO problem!

So if you have say.. 3-4 gig spare on your hard drive

running Windows, give Linux a try.

Now if you ask the proverbial question.. (What's the advantage of this over a Microsoft OS??), I can't answer that. There really is not great advantage that I can see for me. It is however free, and fun to mess with. It's also faster on my 300 MHz Machine than win 98.

73

Brad N8YG

P.S.

Do You Yahoo!?

Find a job, post your resume.

<http://careers.yahoo.com>

Date: Mon, 12 Nov 2001 05:54:32 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [111328] Antenna ideas
Message-ID: <Pine.LNX.4.33.0111120527571.1314-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you want antenna gain you must make the pattern much more narrow to achieve this gain. Thus, if it's a wire between trees you have great gain in one direction. Around 1935 a guy put the wire on a rotating mast. This was the birth of the "beam". I have a beam at 60 feet in the air that makes QRP fun. It's an old High Gain TH6-DXX 6 elements on a 26 foot boom. It only works on 20,15 and 10 meters.

So if your antenna is wire and you can't let anyone see it, don't make it to have any gain. Make it to have general coverage off the sides and point the ends off in some unimportant direction like north and south. That means you will be strongest east and west and really weak here in New Mexico....:-)

On any band the vertical is a good antenna for general coverage. A problem with the vertical is the radials. There is so much wrong information given about them. In fact there are 2 kinds of radials. One is just 4 wires elevated above ground that are just bit longer than a 1/4 wave. The other is a capacity coupling to real ground. This takes a large number of radials, like 25.

The vertical has a low angle of radiation which is very good. But it also picks up local noise better than a wire and receiving is poor. I have a good 40 meter vertical that gets out very well. But hearing is sure bad.

If you have room and nobody cares try two 88 foot center fed wires that are in the air 90 degrees apart, making a large T. You have two feeders of 450 ohm ribbon and a switch so you can change which antenna you use fast. This will work well on 80 through 10 meters and you can aim it. George in Texas uses this and he is LOUD!

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Mon, 12 Nov 2001 06:02:31 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111329] Grid Square Determination
Message-ID: <006f01c16b7a\$4a8273d0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One method not yet mentioned: A GPS RCVR. My Garmin eTrex can be set to Maidenhead units, my six letter GS can then be read directly from the screen.

Garmin: www.garmin.com

73, Rod N0RC
Ft Collins, CO

*** From within DN70LM ***

Date: Mon, 12 Nov 2001 06:30:52 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111330] Fw: Antenna ideas
Message-ID: <007801c16b7e\$4064e550\$6401a8c0@c919125b>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A rebuttal; must reading for those new to antenna design and practice

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, November 12, 2001 5:54 AM
Subject: Antenna ideas

>
> If you want antenna gain you must make the pattern much more
> narrow to achieve this gain.

TRUE BUT...

> Thus, if it's a wire between trees you have
> great gain in one direction.

NOT TRUE

A single wire between two trees does not guarantee the antenna will exhibit gain. Gain is achieved when additional elements are added to the antenna design, typically a director and a reflector.

...

>
> So if your antenna is wire and you can't let anyone see it, don't
> make it to have any gain. Make it to have general coverage off the
sides
> and point the ends off in some unimportant direction like north and
south.
> That means you will be strongest east and west and really weak here
in New
> Mexico...:-)
>

For a proper discussion on antennas, gain, radiation patterns...etc
please read the ARRL Hand Book and/or The ARRL Antenna book for
starters. A great on line source for a proper antenna education is
www.cebick.com. A good starting point is:

<http://www.cebik.com/groundup.html>

Date: Mon, 12 Nov 2001 05:57:52 -0800
From: "Louie" <lou@harborside.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [111331] Re: Antenna ideas
Message-ID: <009901c16b82\$06ee8520\$5e352d0c@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One thing you must remember about long wire antennas. They make great bird roost's.

The only way to get rid of the birds is to send CW over 20 words per. Then the CW will tickle there feet. Then they will laff them to death.

If you don't do this then you will have a lot of excess weight on your antenna. These birds may be the reason so many of us get little chirps in or CW also.

TTYL, 73s
Lou
XE2EKK

Date: Mon, 12 Nov 2001 09:22:51 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [111332] Loops, trimmer caps and MFJ 269's
Message-ID: <F63FSrBCFl2pofoDbK70000b120@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For those of you curious, I proceeded with my test of my loop using trimmer caps and the MFJ meter. Based on my personal experience, you can safely use trimmer caps to determine the correct value air variable you need to tune your loop with. I didn't have any problems with arcing, nor did I cause any

damage to my meter. I am not recommending anyone else do this, I am only saying it worked for me. Now all i have to do is build a capacitor, and I will be set.

On the flip side, i did use the loop to receive with, and it does work quite well in that regard. I noticed a decrease in noise, and the signals, while down somewhat, seemed louder. I attribute this to the reduction in manmade and atmospheric noise.....

73,

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."
Albert Einstein (1879-1955)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 12 Nov 2001 09:36:18 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [111333] OT: 6811 Microcontroller tools
Message-ID: <005001c16b87\$7328df60\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is anyone doing anything with a 6811?

I'm using the IASM11 integrated tools set, but I seem to have lost the CASM11 command line assembler. Does anyone know if it was

supposed to come with the IASM11 package with the 6811 board from Motorola?

I know I can buy it as a standalone, and I'll do that as soon as possible, but if I could find a pointer to it 'right now' somewhere it would be appreciated. My only caveat about buying it is I may get a 'different version' than the IASM11 I'm using and I don't want to have to deal with version problems in the tools.

I have a task for a home project that involves tons of 'cut and paste' with an assembly each try, and the IASM11 is very tedious to use this way.

Mike

Date: Mon, 12 Nov 2001 09:33:16 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: steve@xcvr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [111334] Re: [Elmer 101] E/I/R Analogy
Message-ID: <3BEFDDAC.5EBAA635@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

While your analogy is correct, I think it is better to visualize the electricity itself. Stopping to think whether or not the resistor is acting as a faucet slows down your learning. When I was a beginner we used the ERIE railroad as a crutch, $E=IR=E$. Whatever worked, I suppose, but we were also encouraged to understand what the equations meant so we could move on!

73

Date: Mon, 12 Nov 2001 08:57:21 -0500
From: Radioham <radioham@home.com>
To: aweiss@usd.edu,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111335] "Longwire" Ant for VHF/UHF?

Message-ID: <5.0.2.1.0.20011112085122.00a00ad0@netmail.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well, I guess my "long" wires are just wires, but they work for me in an antenna restricted environment. Nothing visible from the street, or to the neighbors, according to the rules. The K-2 tuner tunes my 100' one up in the trees quite well and my MFJ-941E takes care of it for other rigs.

I do have a question concerning "long" or other random length wires for VHF and UHF - 6, 2 and 440. Will they work with an appropriate tuner or is this a non-starter? I cannot put up beams, as much as I would like to, so my only other alternative is a dipole or VHF/UHF vertical of some sort at maybe 10 to 20 feet up.

Any suggestions?? I know I will not get much gain, but at least I can get out. I have tried my long wire on 6 and it will work to some degree, but not above that.

72/73,

Steve, N4EUK
Reston, VA

Date: Mon, 12 Nov 2001 09:41:09 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111336] Re: 6811 Microcontroller tools
Message-ID: <007b01c16b88\$123f7f00\$0400000a@hunkar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mike et al,

I have available about 20 PC cards that I designed ten years ago. The cards hold an 68HC11F1 and a 16450 com chip that can be configured for serial com ports 3F8/IRQ4 or 2F8/IRQ3. Also have some homebrew basic software that lets you develop and communicate with the HC11 chip. Also, all the I/O pins are pulled off the chip and there is a vector board prototype on the

board for design.

Anyone interested, just email me. We can trade :)

-Diz

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, November 12, 2001 9:36 AM

Subject: OT: 6811 Microcontroller tools

Is anyone doing anything with a 6811?

I'm using the IASM11 integrated tools set, but I seem to have lost the CASM11 command line assembler. Does anyone know if it was supposed to come with the IASM11 package with the 6811 board from Motorola?

I know I can buy it as a standalone, and I'll do that as soon as possible, but if I could find a pointer to it 'right now' somewhere it would be appreciated. My only caveat about buying it is I may get a 'different version' than the IASM11 I'm using and I don't want to have to deal with version problems in the tools.

I have a task for a home project that involves tons of 'cut and paste' with an assembly each try, and the IASM11 is very tedious to use this way.

Mike

Date: Mon, 12 Nov 2001 09:53:15 EST
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [111337] Re: Antenna ideas
Message-ID: <153.3e2fa80.29213c5b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I had a long wire on the roof of my condo for many years and the only thing

that concerned me was that the copper wire reflected the late day sun. This was noticeable from the ground if you happened to look up to the roof line. The antenna was visible from the ground as it was near the roof edge. You had to know where to look and had to focus as the wire was against the background of sky.

72/73 de WA2EAW..Bob

Date: Mon, 12 Nov 2001 08:55:45 -0600
From: Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>
To: "'Drbob92031@aol.com'" <Drbob92031@aol.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111338] RE: Antenna ideas
Message-ID: <50A3595A9022DE4D8FB4702CD4F79CF7556C67@il06exm25.ds.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

IT is a know fact the people do not look up! Sometimes they forget to look down and trip over thier own feet!

ke9a (gulity as charged)

-----Original Message-----
From: Drbob92031@aol.com [mailto:Drbob92031@aol.com]
Sent: Monday, November 12, 2001 8:53 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Antenna ideas

I had a long wire on the roof of my condo for many years and the only thing that concerned me was that the copper wire reflected the late day sun. This was noticeable from the ground if you happened to look up to the roof line. The antenna was visible from the ground as it was near the roof edge. You had to know where to look and had to focus as the wire was against the background of sky.

72/73 de WA2EAW..Bob

Date: Mon, 12 Nov 2001 10:02:39 -0500
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: radioham@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111339] Re: "Longwire" Ant for VHF/UHF?
Message-ID: <3BEFE48F.DA8D632A@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well... I have worked South America from Atlanta on 6 Meters using a 140' longwire pointing north.... Yep they do work.

Jerry
W3CDE

Radioham wrote:

>
>
> I do have a question concerning "long" or other random length wires for VHF
> and UHF - 6, 2 and 440. Will they work with an appropriate tuner or is
> this a non-starter? I cannot put up beams, as much as I would like to, so
> my only other alternative is a dipole or VHF/UHF vertical of some sort at
> maybe 10 to 20 feet up.
>
>

Date: Mon, 12 Nov 2001 08:04:33 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [111340] Re: How Long is a "Longwire" Ant?
Message-ID: <20011112.080434.-323771.1.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ade and group;

An excellent little book showing patterns, lengths and gain figures for wire antennas such as long wires, dipoles and vee beam antennas is:
Dipole and long wire antennas by Ed Noll, W3FQJ.

It has been out a number of years but I find it is good reference and I use it regularly. Another reference with long wire info, tho not as detailed, is the Army TM 11-666 entitled Antennas and Radio Propagation.

73

Ray

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP# 111, SOC#78,ARCI 5784, El Paso,(FAR WEST)TEXAS

Date: Mon, 12 Nov 2001 08:16:44 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-L@lehigh.edu
Subject: [111341] Re: Antenna ideas
Message-ID: <20011112.081645.-323771.2.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

for one to comment on antennas (or anything else)
one should at least do the research and get the information
correct, as much as they possibly can, before
posting. Yagi-Uda wrote their paper and submitted
it in the late 20's, W8JK had his array in the mid 30's
but looking thru publications from that era, he was not
the only one, and there were numerous designs of
fixed and rotary.

For correct and good vertical information the CQ Vertical
Handbook written by Paul Lee - N6PL is one of the best,
another is by Ed Noll W3FQJ entitled Verticals, both
of which cover single verticals and multiple vertical
arrays, driven(phased) and parasitic.

"The more I see of the representatives of the people,
the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP# 111, SOC#78,ARCI 5784, El Paso,(FAR WEST)TEXAS

Date: Mon, 12 Nov 2001 09:23:29 -0600
From: "Patrick Cummins" <pcummins@misnet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [111342] RE:QRP Dummy Load
Message-ID: <000001c16b8e\$189301a0\$76c194d0@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey there guys and gals:

What I used for my dummy load was an Ohmite TCH35P series Thick Film, Non-inductive 51 Ohm resistor. (Mouser p/n 588-TCH35P-51 \$3.90 ea) Mounted in an Eagle 1.2x1.4x3.5 inch cast aluminum case (Mouser p/n 400-4590 \$6.75 ea) I used a BNC connector on the end of the case. (I use BNC's for all my low power stuff, work as a flag that I should be careful about power levels for me.) The Resistor is in a T0-220 style package and will dissapate 35 watts when heat sinked. (I don't know what it will handle if no heat sink is used.) I used the cast aluminum case as the heat sink, bolted the resistor right to it. The die-cast case also works as a good shield.

Test results are as follows:

With an autec RF-1 freq from 2.0 to 34.0 MHz; R=50 ohms, SWR = 1.0

With an MFJ-259B freq from 2.0 to 34.0 MHz, R=58 ohms, SWR = 1.1 at 150 MHz R=70 onms, SWR=1.5.

So this thing is great for HF and can also be used for up to at least 2 meters without much problem.

If you want to use a different connector (like an S0-239) you will need a larger case and I would recommend the eagle 2.2x2.5x4.5 inch case (Mouser p/n 400-4587 \$8.35 ea). Any way thought you might be interested, for less than about \$15 you can build a very good dummy load.

And now a word from the immortal bard -- The Squab--
Toward a better world I contribute my modest smidgen,
I eat the squab, lest it become a pigeon.

--- Ogden Nash ---

Patrick S. Cummins , W5PSC
pcummins @ misnet.com

Date: Mon, 12 Nov 2001 10:18:44 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [111343] Re: Antenna ideas
Message-ID: <3BEFE854.15A11F0A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

Your bean is much more than a rotatable wire. It is an array of rotatable wires that reinforce the signal in the chosen direction. If it was only a rotatable wire it would have no gain, only the pattern coverage would change with rotation.

There are some very good examples of wire beans. The original W8JK array was a wire beam. Many hams either, cannot, or do not want to incur the expense of a beam and rotator. Joel, up in New England, has done many experiments with wire beam antennas. They have all, pretty much, worked well. But the gain, in any case, does not depend on rotation, it depends on the electrical and physical properties of the array!

Ground, for vertical antenna depends on whether you want the antenna to be a "ground plane" or a 1/4 wave, or a 1/2 wave vertical. 1/2 wave verticals don't require much of a ground.

The "ground plane" type of antenna is usually denoted by the elevation above ground, and in many cases 4 radials have worked very well.

Ground mounting a 1/4 wave vertical depends on a good RF ground to complete the antenna's circuit. This ground makes up the other half of the antenna circuit. Experiments have shown there is a relationship between the quality of the ground and the number of radials, with the point of diminishing returns at around 20.

What you put up in the form of an antenna is really dependent on your circumstances. Not all of us can do beams. Not all of us want the problems of a vertical. BUT, whatever we do put up, we should optimize the performance!

Over the past 25 years I have had a variety of antennas, ranging from beams (2 meters) to wire antennas. They have all performed well for me. I have had to learn some things about each antenna to begin optimizing the performance, but that's what ham radio is all about!

73

Date: Mon, 12 Nov 2001 10:20:32 -0500
From: David Hochfelder <hochfeld@rci.rutgers.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [111344] Voltage/Current/Resistance Analogy
Message-ID: <5.1.0.14.0.20011112101656.00aea508@email.rci.rutgers.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

The analogy of the flow of electricity to the flow of water in a hose is a good comparison. Electrical current corresponds to water flow in, say, gallons per second; voltage corresponds to water pressure; electrical resistance corresponds to the cross-sectional area of the opening out of which the water flows. The smaller the cross-sectional area, the higher the resistance to the flow of water; hence, the lower the flow and higher the pressure.

This, by the way, is an analogy that goes way back to the early 19th century. Scientists and engineers often referred to voltage as "pressure" or "intensity" and current as "quantity."

Dave Hochfelder, N2HTA

Assistant Editor/Assistant Research Professor

Thomas A. Edison Papers

Rutgers University

44 Road 3

Piscataway, NJ 08854-8049

(732) 445-8511 (voice)

(732) 445-8512 (fax)

hochfeld@rci.rutgers.edu

<http://edison.rutgers.edu/>

Date: Mon, 12 Nov 2001 10:21:35 -0500

From: "Lau, Zack, W1VT" <zlau@arrl.org>

To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>

Subject: [111345] Re: Parts

Message-ID: <125490A005E3D3118C9C00805FC743CC027E302E@KAHLESS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Has anyone done a comparison of 2.45 GHz microwave ovens with the older 900 MHz ovens in terms of cooking food all the way to the center?

The water absorption frequency is about 22GHz--which makes 24 GHz a tough band for DX--Zack W1VT

Date: Mon, 12 Nov 2001 10:27:48 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: aweiss@usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [111346] Re: How Long is a "Longwire" Ant?
Message-ID: <3BEFEA74.855EAB0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ade,

I always thought that a long wire antenna was just long enough to reach from here to there!

Seriously, when you start to enter wire length into the equation you are really rallying about the antenna's pattern. A long wire will definitely exhibit gain, often along its length, if it is long enough. But many of us are taxed to put up 100 feet in a relatively straight line. We don't all live on farms in South Dakota!

73

Date: Mon, 12 Nov 2001 15:29:07 +0000
From: Larry Cahoon <lejek@erols.com>
To: rod@n0rc.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [111347] Re: Fw: Antenna ideas
Message-ID: <5.1.0.14.0.20011112151414.00b953c8@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:30 AM 11/12/2001 -0700, Rod N0RC wrote:

>A rebuttal; must reading for those new to antenna design and practice
>

> > Thus, if it's a wire between trees you have
> > great gain in one direction.

>
> NOT TRUE
>
>

>A single wire between two trees does not guarantee the antenna will
>exhibit gain. Gain is achieved when additional elements are added to
>the antenna design, typically a director and a refelector.

A longer dipole will have more gain than a shorter one for a give frequency. the 44 ft dipole will have gain over the standard 32 ft dipole on 20 meters. The gain will be even greater on 10 meters over the standard dipole. Also dipoles exhibit gain in one direction over another. The do better off the sides of the dipole vs off the ends of the dipole. Check out <http://www.cebik.com/radio.html> and particularly his writeup of the 44 ft antenna at <http://www.cebik.com/aledz.html> The gain in some directions is obvious. Compare the plots for the 67 ft and 44 ft antennas that he shows.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Mon, 12 Nov 2001 09:31:06 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: radioham@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111348] Re: "Longwire" Ant for VHF/UHF?
Message-ID: <3BEFEB3A.69124A32@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Radioham wrote:

>
> Any suggestions?? I know I will not get much gain, but at least I can get
> out. I have tried my long wire on 6 and it will work to some degree, but
> not above that.

Check out Radio Works website. The have a long wire antenna for six meters. Even if you dont want to buy from them, they list dimensins and I think tehy have computer modeling on it.

73 de Dave, N0IT

<http://www.radioworks.com/>

Date: Mon, 12 Nov 2001 10:30:22 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'Brian Murrey'" <brian@iquest.net>, QRP-L <qrp-l@lehigh.edu>, pigs <fpqrp-l@mpna.com>
Subject: [111349] RE: [fpqrp] O-Scope Needed
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3B04@KAHLESS>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I still have a mess of older Tek 500 scopes that I will practically give away, but they are "as is-condition unknown" and would have to be picked up in Connecticut. :-)

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Brian Murrey [mailto:brian@iquest.net]

> Sent: Sunday, November 11, 2001 1:56 PM

> To: QRP-L; pigs

> Subject: [fpqrp] O-Scope Needed

>

>

> Hi gang,

>

> Anyone getting a new scope for Christmas? Wanna sell me your old one?

>

> I am looking for a single or dual trace scope, with manuals, in the

> 60-100Mhz range, used is fine. It needs to be in working

> condition. I prefer

> Tek but hey, I'm not all that picky.

>

> If you have something you might want to unload, send me some

> email about it

> and we'll talk.

>

> 73

>

> =====

> KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223

> 39.558 N 86.095 W Johnson Co., Indiana

> GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w

> Member of the American Radio Relay League - SOC #400

> FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

> =====

>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg:
> unsubscribe fpqrp-l -
>

Date: Mon, 12 Nov 2001 08:53:14 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [111350] Re: can't post
Message-ID: <1D74B9231259D511B1AA0002B32C2896150C64@az10exm06.sat.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I had several posting not go through either last month. I eventually figured out that

I needed to make sure the post was make using the plain text only option of Outlook (vs rich text).

- Dan

Date: Mon, 12 Nov 2001 09:58:50 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111351] Re: Antenna ideas
Message-ID: <3BEFF1BA.6FE6D532@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the compliment, Karl . . .

One trick with this setup is to make the t-lines the same lengths, etc. so that one tuner setting works for both antennas. That is what makes the switching possible.

I also have three other antenna systems - a Butterbut HF9V over 60 radials, a 40-meter full-wave horizontal low loop and my attic antenna farm of four full-size dipoles on 80, 40, 30 and 20 fed with a common RG-213 and balun.

As you might expect, the old shack coax switch really takes a beating during a Fox Hunt trying to find the "best" of five antenna systems - and it keeps changing. <:}

But, the crossed EDZ's are usually the star performers!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Karl F. Larsen" wrote:

> If you have room and nobody cares try two 88 foot center fed wires
> that are in the air 90 degrees apart, making a large T. You have two
> feeders of 450 ohm ribbon and a switch so you can change which antenna you
> use fast. This will work well on 80 through 10 meters and you can aim it.
> George in Texas uses this and he is LOUD!

Date: Mon, 12 Nov 2001 10:59:13 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [111352] Fort Wayne Hamfest
Message-ID: <000701c16b93\$1c39d040\$cb68973f@aaacomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The weather for the Fort Wayne Hamfest looks like it's going to be perfect.
http://www.crh.noaa.gov/iwx/afos_data/zonefcst/zfp_allenin.html
Any weather that doesn't stop you from going is perfect weather.

The QRP forum is at 12:30 PM Saturday in the Blue Room.
<http://www.fortwaynehamfest.com/forums.htm>

I was thinking I would just bring my WBR for show-and-tell,
but now I'm thinking I'll bring as much of the junk I have built
as I can. It should make a nice little pile.

Jim, WD9EYB

Reply-To: j.p.osburn@ieee.org

Date: Mon, 12 Nov 2001 11:10:50 -0500 (EST)
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111353] Re: Fort Wayne Hamfest
Message-ID: <Pine.LNX.4.30.0111121109530.19534-100000@tigger.dcg.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Nov 2001, James P. Osburn, P.E. wrote:

> The weather for the Fort Wayne Hamfest looks like it's going to be perfect.
> http://www.crh.noaa.gov/iwx/afos_data/zonefcst/zfp_allenin.html
> Any weather that doesn't stop you from going is perfect weather.

Doesn't matter too much though since it is all indoors....

K9DC

Date: Mon, 12 Nov 2001 08:16:00 -0800
From: "David Adams" <david@theadamsclan.com>
To: "Ingo, DK3RED" <DK3RED@t-online.de>
Cc: <qrp-l@lehigh.edu>
Subject: [111354] Re: can't post
Message-ID: <001301c16b95\$53e0dff0\$341010ac@sj.bdx.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks everybody. Turns out the problem was with my ISP apparantly elecraft and qrp-l were refusing it. I haven't been able to post for a few weeks and was starting to be a bit concerned. The good news is I finally got the 4 band module in the K1 working. Now I just need to get the appropriate firmware from elecraft so that I can use my KAT1.

73 de dave, n9uxu

----- Original Message -----

From: "Ingo, DK3RED" <DK3RED@t-online.de>
To: <david@theadamsclan.com>
Sent: Sunday, November 11, 2001 10:45 PM
Subject: Re: can't post

> Hello David,

>
> > Can't seem to post from my regular account...testing.
>
> You are on-list. Your "test 2" message are also OK.
>
> --
> 72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
> dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red
>
>

Date: Mon, 12 Nov 2001 08:22:58 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [111355] FINAL FOX LOG #5 n0tu rev2
Message-ID: <001301c16b95\$ecc7c9e0\$b0561d82@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Once again...the corrected log "REV.2" for FOX Hunt #5.

Thanks again for the FUN chase andur patience!

Steve/n0tu

FIANL Rev2 FOX HUNT NUMBER 5 Nov.9, 2001

UTC CALL RPT(rc'd) State Name PWR

0201 KK5LD 559 TX Dan 5W
0202 AA7XA 559 OR Frank 5W
0203 W0CH 559 MO Dave 5W
0204 NQ7X 559 AZ Floyd 5W
0205 K7FD 559 OR John 5W
0205 K0FRP 579 CO A1 5W
0206 W7ILW 559 AZ Walt 5W
0207 K7TQ 559 ID Randy 5W
0208 N4ROA 559 VA Dan 5W
0209 N1FN 559 CO Et 5W
0209 VE6EX 559 AB Dan 5W
0210 WE9K 559 WI Glenn 5W
0211 NK6A 559 CA Don 5W
0212 KI0II 599 CO Ron 1W

0212 W9UQB/7 559 AZ Mike 5w
0213 VE6JAZ 559 ? Bob 5W
0214 W9HL 559 IL Randy 5W
0215 W5YR 559 TX George 5W
0216 K5LN 559 TX Bill 5W
0217 K6VNX 559 CA Arlen 5W
0218 K7WW 559 OR Art 5W
0218 K0EVZ 589 ND Doc 2w
0219 N0TK 579 CO Dan 5w
0220 N0AR 579 MN Scott 5w
0221 N6WG 559 CA Bob 5W
0222 N5UW 579 OK Clif 5W
0223 AA50 559 LA Vern 5W
0223 K8CV 559 MI Walt 5W
0224 K5DI 599 NM Karl 5W
0225 N1TP 559 FL Tom 3W
0226 AC6UV 559 CA Goudy 5W
0227 W6KI 559 CA Glen 5W
0228 N3BJ 559 VA Alan 5W
0229 N7TX 579 TX Steve 5W
0230 KB9YIG 569 IN Tony 5W
0231 K5ZTY 559 TX Bill 5W
0232 K5OI 559 OK Tim 5w
0233 K3PH 579 PA Bob 5w
0234 W5OHL 599 OK Jim 5w
0235 W8VJW 559 MI John 5w
0237 N3ZPQ 559 OH Frank 5w
0239 K4ADI 559 SC Frank 5w
0240 W5USJ 559 TX Chuck 5w
0241 W0UFO 559 MN Mert 5w
0241 K4TJD 559 GA Tom 5w
0242 VE5RC 559 SK Bruce 5w
0243 AB0CD 559 Dick CO 5w
0245 W5TB 559 TX Doc 5W
0246 N9IJ 589 IL Len 5w
0247 N5IB 559 LA Jim 5W
0248 KE6RS 559 CA Ron 5W
0249 K3IU 559 RI Ken 5w
0250 KR5C 579 TX George 5W
0251 WA9TZE 559 IL Jim 5W
0252 K5DW 559 TX Don 5W
0253 KC1FB 559 CT Jim 5W
0253 K5JHP 559 TX BILL 5W
0254 N0DSP 559 CO TOM 5W
0255 K9IS 559 WI STEVE 5W
0256 N0UR 579 MN JIM 5W
0257 AA4LR 579 GA BILL 5W
0258 KV4EE 559 SC CRAIG 5W

0259 K9WIS 559 WI BRIAN 1W
0300 KJ0C 589 MO JIM 5W
0301 N9AW 559 WI JERRY 5W
0302 AF4PS 559 FL MAC 3W
0303 N4MAP 559 GA SAM 4W
0304 NQ7K 559 AZ MIKE 5W
0305 KD5KXF 559 TX MIKE 5W
0306 K8KFJ 559 WV GARIE5W
0307 K4FB 569 FL PAUL 5W
0307 W9XU 559 WI LON 5W
0308 N0RC 599 CO ROD 5W
0308 AF4PP 559 GA CHUCK 5W
0309 NK9G 559 WI RICK 5W
0310 W0PWE 559 IA JERRY 5W
0311 VA6RF 559 AB EARL 5W
0312 WV9N 559 OH RANDY 5W
0313 AD6JV 559 CA BILL 5W
0314 VE3FAL 579 ON FRED 5W
0315 KB9LGJ 559 CA TIM 5W
0316 KC0ATC 559 CO CHRIS 3W
0317 NU4N 559 KY DAVE 5W
0318 N3WU 559 CO LARRY 5W
0319 WA7LNU 559 UT JACK 5W
0320 NM5M 559 TX ERIC 5W
0321 WA8BXN 559 OH MIKE 5W
0322 K3KD 559 TX DAVE 5W
0323 VA3JFF 559 QC JEFF 2W
0324 VE4WI 559 MB CRAIG 5W
0325 AA7EQ 559 AZ BOB 5W
0326 KV2X 559 NY TOM 5W
0327 K5EOA 559 LA WAYNE 4W
0329 KG4LDY 559 VA JIM 5W
0330 NX8C 559 MI NEIL 5W
0332 W2XN 559 FL FRED 5W
0334 AB5XQ 559 AR BILL 5W
0335 KF4BYL 559 FL JACK 5W
0337 K7EL 559 OR DAVE 5W
0338 WD5CMA 559 LA GLORIA 5W
0339 AJ4AY 559 AL JAY 5W
0340 W5YW 559 LA MIKE 5W
0342 N0HRL 559 MN KEN 5W
0343 KG6CYN 559 CA TREV 5W
0344 W8RU 599 MI RON 5W
0345 N5WL 559 OK BART 5W
0347 NQ7T 559 WA GARY 5W
0349 WB8WTU 559 OH DENNIS 5W
0350 KB1DXC 559 CT MIKE 5W
0351 K3NG 559 PA GOODY 5W

0352 N5EN 559 TX STEVE 5W
0354 N2LO 559 NJ BOB 5W
0355 K5BGB 579 TX ROD 5W
0356 N9WW 599 IL JIM 5W
0358 KQ5U 599 TX TERRY 5W

Date: Mon, 12 Nov 2001 11:33:02 EST
From: RangerSF5@aol.com
To: lou@harborside.com, qrp-L@lehigh.edu
Subject: [111356] Re: Antenna ideas
Message-ID: <152.3de2121.292153be@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 11/12/01 9:05:16 AM Eastern Standard Time,
lou@harborside.com writes:

<<

The only way to get rid of the birds is to send CW over 20 words per. Then
the CW will tickle there feet. Then they will laff them to death.

>>

Reminds me when I worked for a cable company.

I just finished up with tightening up a turnbuckle and the Guy on the other
pole slammed the cable with his wrench.

That created a hump that road down that cable so fast it broke several bones
in my hand.

BTW,

If you suspect QRM from a local power line and you spot a cable running town
as an anchor,

shake it and get the wires moving.

Keep the AM radio on and you just may pick up snap, crackle and pop like you
never heard before.

Now you have it localized for the power company

Bob

WA2HOQrp <tm>

Date: Mon, 12 Nov 2001 10:38:19 -0600

From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111357] Re: Antenna ideas
Message-ID: <4.2.0.58.20011112103109.00a6d3d0@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:57 AM 11/12/2001 -0800, Louie wrote:

>The only way to get rid of the birds is to send CW over 20 words per. Then
>the CW will tickle there feet. Then they will laff them to death.

Lou,

Of course, sending at speeds of greater than 40 wpm will frighten the birds, who will then involuntarily poop on the antenna wire. Bird poop, as everyone knows, is highly corrosive to copper as well as being heavy. Undoubtedly, we will then wish to reactivate the thread about the pros and cons of insulation on antenna wire. :) 20 to 40 wpm should be fine; I'm working on my CW right now so that I can fit into that window.

Vance--WA9YDJ

(I'm afraid my present CW speed is barely amusing the birds)

Date: Mon, 12 Nov 2001 09:58:00 -0700
From: "ccaro" <cjcaro35@hotmail.com>
To: <vhuntsinger@iwic.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111358] Re: Antenna ideas
Message-ID: <0E518BXpez3R56FniTa00007339@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thats why you can send QQQ
(Wipe the bird s###t off your antenna)

Carlos #1333

----- Original Message -----

From: "Vance Huntsinger" <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, November 12, 2001 9:38 AM
Subject: Re: Antenna ideas

> At 05:57 AM 11/12/2001 -0800, Louie wrote:

> >The only way to get rid of the birds is to send CW over 20 words per.
Then
> >the CW will tickle there feet. Then they will laff them to death.
>
> Lou,
>
> Of course, sending at speeds of greater than 40 wpm will frighten the
> birds, who will then involuntarily poop on the antenna wire. Bird poop, as
> everyone knows, is highly corrosive to copper as well as being heavy.
> Undoubtedly, we will then wish to reactivate the thread about the pros and
> cons of insulation on antenna wire. :) 20 to 40 wpm should be fine; I'm
> working on my CW right now so that I can fit into that window.
>
> Vance--WA9YDJ
> (I'm afraid my present CW speed is barely amusing the birds)
>

Date: Mon, 12 Nov 2001 12:02:57 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: RangerSF5@aol.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [111359] Re: Antenna ideas
Message-ID: <3BF000C1.20FFDADD@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I worked for the FCC in Atlanta back in the '50s. We had two vehicles to do field investigations of various violations and complaints. One of these vehicles had as a part of its equipment a very large wooden mallet, similar to those used in the circus to drive tent pegs. I enquired as to what it was for. I was told that it was used to strike power poles to cause the lines to vibrate. It was one of the methods used to track down power line RFI. You kept the car radio on and as you got closer to the offending spot, the RFI would increase with the vibration.

I mentioned this on another list several years ago and someone told me that this was dangerous. They said that a "pole pig" (transformer) might break loose and fall on you. I guess that if you do this, you shouldn't stand under a transformer <G>.

72/73

Jim
W4BQP

RangerSF5@aol.com wrote:

> BTW,
> If you suspect QRM from a local power line and you spot a cable running town
> as an anchor,
> shake it and get the wires moving.
> Keep the AM radio on and you just may pick up snap, crackle and pop like you
> never heard before.
> Now you have it localized for the power company

Date: Mon, 12 Nov 2001 09:57:58 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [111360] FINAL FOX LOG #5 n0tu rev3
Message-ID: <005701c16b9b\$6bcd3cc0\$b0561d82@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

AND again...the LAST time! log "REV.3" for FOX Hunt #5.
(Fixed - VE6JAZ's section to AB)
Thanks for ur patience!

Steve/n0tu

FIANL Rev2 FOX HUNT NUMBER 5 Nov.9, 2001

UTC CALL RPT(rc'd) State Name PWR

0201 KK5LD 559 TX Dan 5W
0202 AA7XA 559 OR Frank 5W
0203 W0CH 559 MO Dave 5W
0204 NQ7X 559 AZ Floyd 5W
0205 K7FD 559 OR John 5W
0205 K0FRP 579 CO Al 5W
0206 W7ILW 559 AZ Walt 5W
0207 K7TQ 559 ID Randy 5W
0208 N4ROA 559 VA Dan 5W
0209 N1FN 559 CO Et 5W
0209 VE6EX 559 AB Dan 5W
0210 WE9K 559 WI Glenn 5W
0211 NK6A 559 CA Don 5W
0212 KI0II 599 CO Ron 1W
0212 W9UQB/7 559 AZ Mike 5w

0213 VE6JAZ 559 AB Bob 5W
0214 W9HL 559 IL Randy 5W
0215 W5YR 559 TX George 5W
0216 K5LN 559 TX Bill 5W
0217 K6VNX 559 CA Arlen 5W
0218 K7WW 559 OR Art 5W
0218 K0EVZ 589 ND Doc 2w
0219 N0TK 579 CO Dan 5w
0220 N0AR 579 MN Scott 5w
0221 N6WG 559 CA Bob 5W
0222 N5UW 579 OK Clif 5W
0223 AA50 559 LA Vern 5W
0223 K8CV 559 MI Walt 5W
0224 K5DI 599 NM Karl 5W
0225 N1TP 559 FL Tom 3W
0226 AC6UV 559 CA Goudy 5W
0227 W6KI 559 CA Glen 5W
0228 N3BJ 559 VA Alan 5W
0229 N7TX 579 TX Steve 5W
0230 KB9YIG 569 IN Tony 5W
0231 K5ZTY 559 TX Bill 5W
0232 K5OI 559 OK Tim 5w
0233 K3PH 579 PA Bob 5w
0234 W5OHL 599 OK Jim 5w
0235 W8VJW 559 MI John 5w
0237 N3ZPQ 559 OH Frank 5w
0239 K4ADI 559 SC Frank 5w
0240 W5USJ 559 TX Chuck 5w
0241 W0UFO 559 MN Mert 5w
0241 K4TJD 559 GA Tom 5w
0242 VE5RC 559 SK Bruce 5w
0243 AB0CD 559 Dick CO 5w
0245 W5TB 559 TX Doc 5W
0246 N9IJ 589 IL Len 5w
0247 N5IB 559 LA Jim 5W
0248 KE6RS 559 CA Ron 5W
0249 K3IU 559 RI Ken 5w
0250 KR5C 579 TX George 5W
0251 WA9TZE 559 IL Jim 5W
0252 K5DW 559 TX Don 5W
0253 KC1FB 559 CT Jim 5W
0253 K5JHP 559 TX BILL 5W
0254 N0DSP 559 CO TOM 5W
0255 K9IS 559 WI STEVE 5W
0256 N0UR 579 MN JIM 5W
0257 AA4LR 579 GA BILL 5W
0258 KV4EE 559 SC CRAIG 5W
0259 K9WIS 559 WI BRIAN 1W

0300 KJ0C 589 MO JIM 5W
0301 N9AW 559 WI JERRY 5W
0302 AF4PS 559 FL MAC 3W
0303 N4MAP 559 GA SAM 4W
0304 NQ7K 559 AZ MIKE 5W
0305 KD5KXF 559 TX MIKE 5W
0306 K8KFJ 559 WV GARIE5W
0307 K4FB 569 FL PAUL 5W
0307 W9XU 559 WI LON 5W
0308 N0RC 599 CO ROD 5W
0308 AF4PP 559 GA CHUCK 5W
0309 NK9G 559 WI RICK 5W
0310 W0PWE 559 IA JERRY 5W
0311 VA6RF 559 AB EARL 5W
0312 WV9N 559 OH RANDY 5W
0313 AD6JV 559 CA BILL 5W
0314 VE3FAL 579 ON FRED 5W
0315 KB9LGJ 559 CA TIM 5W
0316 KC0ATC 559 CO CHRIS 3W
0317 NU4N 559 KY DAVE 5W
0318 N3WU 559 CO LARRY 5W
0319 WA7LNW 559 UT JACK 5W
0320 NM5M 559 TX ERIC 5W
0321 WA8BXN 559 OH MIKE 5W
0322 K3KD 559 TX DAVE 5W
0323 VA3JFF 559 QC JEFF 2W
0324 VE4WI 559 MB CRAIG 5W
0325 AA7EQ 559 AZ BOB 5W
0326 KV2X 559 NY TOM 5W
0327 K5EOA 559 LA WAYNE 4W
0329 KG4LDY 559 VA JIM 5W
0330 NX8C 559 MI NEIL 5W
0332 W2XN 559 FL FRED 5W
0334 AB5XQ 559 AR BILL 5W
0335 KF4BYL 559 FL JACK 5W
0337 K7EL 559 OR DAVE 5W
0338 WD5CMA 559 LA GLORIA 5W
0339 AJ4AY 559 AL JAY 5W
0340 W5YW 559 LA MIKE 5W
0342 N0HRL 559 MN KEN 5W
0343 KG6CYN 559 CA TREV 5W
0344 W8RU 599 MI RON 5W
0345 N5WL 559 OK BART 5W
0347 NQ7T 559 WA GARY 5W
0349 WB8WTU 559 OH DENNIS 5W
0350 KB1DXC 559 CT MIKE 5W
0351 K3NG 559 PA GOODY 5W
0352 N5EN 559 TX STEVE 5W

0354 N2LO 559 NJ BOB 5W
0355 K5BGB 579 TX ROD 5W
0356 N9WW 599 IL JIM 5W
0358 KQ5U 599 TX TERRY 5W

Date: Mon, 12 Nov 2001 12:10:59 EST
From: IamSF5@aol.com
To: k2jq@bestweb.net, kc0bom@arrl.net, fpqrp-l@mpna.com
Cc: qrp-l@lehigh.edu, antennas@qth.net
Subject: [111361] Re: [fpqrp] Just in case you haven't heard yet....
Message-ID: <86.12711bfa.29215ca3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 11/12/01 11:09:02 AM Eastern Standard Time,
k2jq@bestweb.net writes:

<<

Also:

all 3 NY airports -- JFK, Laguardia, Newark closed, as well as all bridges
and tunnels.

NYC in highest state of alert; full extent of damage on the ground not yet
known.

>>

I was on the roof and that puts me 5 floors up.

When I saw the smoke I just lost interest in putting up my new wire antennas.

Time to light a candle and say a prayer.

Bob:((

WA2HOQrp <tm>

;

;

Date: Mon, 12 Nov 2001 12:27:29 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <pcummins@misnet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [111362] RE:QRP Dummy Load
Message-ID: <009401c16b9f\$4e2b09a0\$7001a8c0@lwinc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For HF QRPp work I use a computer network 50 ohm BNC terminator. It works great: SWR = 1.0 and stays cool at LESS than 1-watt levels. I've used it with as much as 3 watts momentarily but as it pretty much uses the BNC connector as a heatsink... I wouldn't keep it keyed up for more than a second or two.

Best part about them is they are cheap, available at almost any computer store, and if you're playing around with a QRPp design it's handy to keep one connected while experimenting rather than have a piece of coax connected to a "real" dummy antenna cluttering up the work bench.

72/73 DE KA8MAV (Brice)
Indianapolis, IN EM79au
QRPp-I #1, QRP ARCI #10972, QRP-L #2360, ARRL
KLQRP, FPQRP -156, ARS #1,138, NETXQRP #27

QRPp International & Tiny-Tornado Transceiver Kits
<http://www.QRPp-I.com>

----- Original Message -----

From: Patrick Cummins <pcummins@misnet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, November 12, 2001 10:23 AM
Subject: RE:QRP Dummy Load

> Hey there guys and gals:
> What I used for my dummy load was an Ohmite TCH35P series Thick Film,
> Non-inductive 51 Ohm resistor. (Mouser p/n 588-TCH35P-51 \$3.90 ea)
Mounted
> in an Eagle 1.2x1.4x3.5 inch cast aluminum case (Mouser p/n 400-4590
\$6.75
> ea) I used a BNC connector on the end of the case. (I use BNC's for all

my
> low power stuff, work as a flag that I should be careful about power
levels
> for me.) The Resistor is in a T0-220 style package and will dissapate 35
> watts when heat sinked. (I don't know what it will handle if no heat sink
> is used.) I used the cast aluminum case as the heat sink, bolted the
> resistor right to it. The die-cast case also works as a good shield.
>
> Test results are as follows:
> With an autec RF-1 freq from 2.0 to 34.0 MHz; R=50 ohms, SWR = 1.0
> With an MFJ-259B freq from 2.0 to 34.0 MHz, R=58 ohms, SWR = 1.1 at
150
> MHz R=70 onms, SWR=1.5.
>
> So this thing is great for HF and can also be used for up to at least
2
> meters without much problem.
>
> If you want to use a different connector (like an S0-239) you will
need
> a larger case and I would recommend the eagle 2.2x2.5x4.5 inch case
(Mouser
> p/n 400-4587 \$8.35 ea). Any way thought you might be interested, for less
> than about \$15 you can build a very good dummy load.
>
> And now a word from the immortal bard -- The Squab--
> Toward a better world I contribute my modest smidgen,
> I eat the squab, lest it become a pigeon.
> --- Ogden Nash ---
>
>
> Patrick S. Cummins , W5PSC
> pcummins @ misnet.com
>
>
>

Date: Mon, 12 Nov 2001 09:52:34 -0800
From: "Louie" <lou@harborside.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [111363] RE:QRP Dummy Load
Message-ID: <000701c16ba2\$d1f123c0\$79352d0c@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Why not just use a Radio Shack 5Watt dummy Load. They are readily available.
TTYL, 73s

Lou

XE2EKK

----- Original Message -----

From: "Brice D. Hornback" <bdh@cyberbound.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, November 12, 2001 9:27 AM

Subject: RE:QRP Dummy Load

> For HF QRPp work I use a computer network 50 ohm BNC terminator. It works
> great: SWR = 1.0 and stays cool at LESS than 1-watt levels. I've used it
> with as much as 3 watts momentarily but as it pretty much uses the BNC
> connector as a heatsink... I wouldn't keep it keyed up for more than a
> second or two.

>

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> store, and if you're playing around with a QRPp design it's handy to keep
> one connected while experimenting rather than have a piece of coax
connected

> to a "real" dummy antenna cluttering up the work bench.

>

> 72/73 DE KA8MAV (Brice)

> Indianapolis, IN EM79au

> QRPp-I #1, QRP ARCI #10972, QRP-L #2360, ARRL

> KLQRP, FPQRP -156, ARS #1,138, NETXQRP #27

>

> QRPp International & Tiny-Tornado Transceiver Kits

> <http://www.QRPp-I.com>

>

> ----- Original Message -----

> From: Patrick Cummins <pcummins@misnet.com>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Sent: Monday, November 12, 2001 10:23 AM

> Subject: RE:QRP Dummy Load

>

>

> > Hey there guys and gals:

> > What I used for my dummy load was an Ohmite TCH35P series Thick
Film,

> > Non-inductive 51 Ohm resistor. (Mouser p/n 588-TCH35P-51 \$3.90 ea)

> > Mounted

> > in an Eagle 1.2x1.4x3.5 inch cast aluminum case (Mouser p/n 400-4590

> > \$6.75

> > ea) I used a BNC connector on the end of the case. (I use BNC's for all

> my
> > low power stuff, work as a flag that I should be careful about power
> levels
> > for me.) The Resistor is in a T0-220 style package and will dissapate 35
> > watts when heat sinked. (I don't know what it will handle if no heat
sink
> > is used.) I used the cast aluminum case as the heat sink, bolted the
> > resistor right to it. The die-cast case also works as a good shield.
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> > MHz R=70 onms, SWR=1.5.
> >
> > So this thing is great for HF and can also be used for up to at
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> 2
> > meters without much problem.
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> > If you want to use a different connector (like an S0-239) you will
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> > a larger case and I would recommend the eagle 2.2x2.5x4.5 inch case
> (Mouser
> > p/n 400-4587 \$8.35 ea). Any way thought you might be interested, for
less
> > than about \$15 you can build a very good dummy load.
> >
> > And now a word from the immortal bard -- The Squab--
> > Toward a better world I contribute my modest smidgen,
> > I eat the squab, lest it become a pigeon.
> > --- Ogden Nash ---
> >
> >
> > Patrick S. Cummins , W5PSC
> > pcummins @ misnet.com
> >
> >
> >
>
>

Date: Mon, 12 Nov 2001 11:59:40 -0600
From: "Rob Matherly" <kc0bom@arrl.net>
To: <IamSF5@aol.com>, <k2jq@bestweb.net>, <fpqrp-1@mpna.com>

Cc: <qrp-1@lehigh.edu>, <antennas@qth.net>
Subject: [111364] Re: [fpqrp] Just in case you haven't heard yet....
Message-ID: <007d01c16ba3\$d00033c0\$8911a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Most of the info now points to it not being a terrorism-type deal, but still it is ironic isn't it? A little over two months afterwards, and on Veteran's Day. Sure is creepy if it does indeed turn out to be a non-terrorism thing, isn't it?

Plus you gotta think about how this is going to affect the economy. People weren't wanting to fly the way it is, and now this happens. There goes 25% of the economy! I think I'll sign up with E-Trade and buy up some Amtrak stock.....

72/73/oo
Rob, kc0bom
FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497

Visit my website! <http://www.geocities.com/kc0bom>

----- Original Message -----
From: <IamSF5@aol.com>
To: <k2jq@bestweb.net>; <kc0bom@arrl.net>; <fpqrp-1@mpna.com>
Cc: <qrp-1@lehigh.edu>; <antennas@qth.net>
Sent: Monday, November 12, 2001 11:10 AM
Subject: Re: [fpqrp] Just in case you haven't heard yet....

In a message dated 11/12/01 11:09:02 AM Eastern Standard Time,
k2jq@bestweb.net writes:

<<
Also:

all 3 NY airports -- JFK, Laguardia, Newark closed, as well as all bridges and tunnels.

NYC in highest state of alert; full extent of damage on the ground not yet known.

>>

I was on the roof and that puts me 5 floors up.
When I saw the smoke I just lost interest in putting up my new wire antennas.

Time to light a candle and say a prayer.
Bob:((
WA2HQrp <tm>

;
;

My mail is certified virus free.
If your computer gets sick, I didn't do it!!!
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.292 / Virus Database: 157 - Release Date: 10/26/01

Date: Mon, 12 Nov 2001 13:11:26 -0500
From: Alex <kr1st@amsat.org>
To: iflyos@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [111365] Re: Loops, trimmer caps and MFJ 269's
Message-ID: <3BF010CE.F88C76C6@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Tim,

Please keep posting your results and progress with this project. It's very interesting.

> I noticed a decrease in noise, and the signals, while
> down somewhat, seemed louder.

I noticed the same thing on my loop. I did a quick compare with a wire that I have strung up just for receiving. On 10 meters it's most noticeable. On the wire I can receive a station at S9 with the noise floor at S7 (perhaps ceiling would be a better word here...) and on the loop I receive the same station at S7 with the noise floor at S0.

73,
--Alex

Date: Mon, 12 Nov 2001 18:03:24 -0000
From: tf3vst@vortex.is (Villi Idunni)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [111366] [Elmer 101] TF land ready
Message-ID: <MABBIDG00GFJFPNLPNDGEHKCKAA.tf3vst@vortex.is>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kit arrived in TF land today,
I'm staying tuned for the go,

72, de Villi TF3VS

Date: Mon, 12 Nov 2001 12:06:11 -0600
From: Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>
To: "'kc0bom@arrl.net'" <kc0bom@arrl.net>,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [111367] RE: [fpqrp] Just in case you haven't heard yet....
Message-ID: <50A3595A9022DE4D8FB4702CD4F79CF7556C6C@il06exm25.ds.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

IF this would have happened two months ago, we would have said oh well and gone on with our lives.

Light the candle, say the prayer if you need to, but go put that antenna up and be glad to live. DO NOT lock you self in your home and cry over it. Pick your self up and stand up for something.

73 KE9A

-----Original Message-----
From: Rob Matherly [mailto:kc0bom@arrl.net]
Sent: Monday, November 12, 2001 12:00 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [fpqrp] Just in case you haven't heard yet....

Most of the info now points to it not being a terrorism-type deal, but still it is ironic isn't it? A little over two months afterwards, and on Veteran's Day. Sure is creepy if it does indeed turn out to be a non-terrorism thing, isn't it?

Plus you gotta think about how this is going to affect the economy. People weren't wanting to fly the way it is, and now this happens. There goes 25% of the economy! I think I'll sign up with E-Trade and buy up some Amtrak stock.....

72/73/oo

Rob, kc0bom

FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497

Visit my website! <http://www.geocities.com/kc0bom>

----- Original Message -----

From: <IamSF5@aol.com>

To: <k2jq@bestweb.net>; <kc0bom@arrl.net>; <fpqrp-1@mpna.com>

Cc: <qrp-1@lehigh.edu>; <antennas@qth.net>

Sent: Monday, November 12, 2001 11:10 AM

Subject: Re: [fpqrp] Just in case you haven't heard yet....

In a message dated 11/12/01 11:09:02 AM Eastern Standard Time, k2jq@bestweb.net writes:

<<

Also:

all 3 NY airports -- JFK, Laguardia, Newark closed, as well as all bridges and tunnels.

NYC in highest state of alert; full extent of damage on the ground not yet known.

>>

I was on the roof and that puts me 5 floors up.

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Bob:((

WA2HOQrp <tm>

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My mail is certified virus free.
If your computer gets sick, I didn't do it!!!
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.292 / Virus Database: 157 - Release Date: 10/26/01

Date: 12 Nov 01 11:15:43 MST
From: Rod Cercone <rod@n0rc.com>
To: " " <qrp-1@Lehigh.EDU>
Subject: [111368] Whence N8VAR Fox Log
Message-ID: <20011112181543.2063.qmail@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Has it been posted?

Did I miss it?

73, Rod N0RC

Date: Mon, 12 Nov 2001 12:17:45 -0600
From: "KD5NWA" <KD5NWA@mbayona.com>
To: <qrp-1@Lehigh.EDU>, <kr1st@amsat.org>
Subject: [111369] Re: Loops, trimmer caps and MFJ 269's
Message-ID: <002d01c16ba6\$635fcb10\$a033010a@cbayona>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of the neat properties of a loop antenna is that it rejects, nearby electrical fields, such a local noise. I'm looking at setting one up myself, because we have a lot of local powerline noise, and the power company is not very sympathetic.

----- Original Message -----

From: "Alex" <kr1st@amsat.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, November 12, 2001 12:11 PM
Subject: Re: Loops, trimmer caps and MFJ 269's

> Hi Tim,
>
> Please keep posting your results and progress with this project. It's
> very interesting.
>
> > I noticed a decrease in noise, and the signals, while
> > down somewhat, seemed louder.
>
> I noticed the same thing on my loop. I did a quick compare with a wire
> that I have strung up just for receiving. On 10 meters it's most
> noticeable. On the wire I can receive a station at S9 with the noise
> floor at S7 (perhaps ceiling would be a better word here...) and on the
> loop I receive the same station at S7 with the noise floor at S0.
>
> 73,
> --Alex

Date: Mon, 12 Nov 2001 13:25:51 -0500
From: Bruce G Shaw <kg4dzu@juno.com>
To: kc0bom@arrl.net
Cc: IamSF5@aol.com, k2jq@bestweb.net, fpqrp-1@mpna.com,
qrp-1@lehigh.edu, antennas@qth.net
Subject: [111370] Re: [fpqrp] Just in case you haven't heard yet....
Message-ID: <20011112.132552.-346865.0.kg4dzu@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My wife recently reminded me that up until today less than 300 people in the US died in plane crashes and over 42,000 died in auto related accidents. Think I will keep flying.

72's & oo,
Bruce Shaw
kg4dzu
FP# -89

On Mon, 12 Nov 2001 11:59:40 -0600 "Rob Matherly" <kc0bom@arrl.net> writes:

> Most of the info now points to it not being a terrorism-type deal,
> but

> still it is ironic isn't it? A little over two months afterwards,
> and on
> Veteran's Day. Sure is creepy if it does indeed turn out to be a
> non-terrorism thing, isn't it?
>
> Plus you gotta think about how this is going to affect the economy.
> People
> weren't wanting to fly the way it is, and now this happens. There
> goes 25%
> of the economy! I think I'll sign up with E-Trade and buy up some
> Amtrak
> stock.....
>
> 72/73/oo
> Rob, kc0bom
> FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497
>
> -----
> Visit my website! <http://www.geocities.com/kc0bom>
>
> ----- Original Message -----
> From: <IamSF5@aol.com>
> To: <k2jq@bestweb.net>; <kc0bom@arrl.net>; <fpqrp-1@mpna.com>
> Cc: <qrp-1@lehigh.edu>; <antennas@qth.net>
> Sent: Monday, November 12, 2001 11:10 AM
> Subject: Re: [fpqrp] Just in case you haven't heard yet....
>
>
> In a message dated 11/12/01 11:09:02 AM Eastern Standard Time,
> k2jq@bestweb.net writes:
>
> <<
> Also:
>
> all 3 NY airports -- JFK, Laguardia, Newark closed, as well as all
> bridges
> and tunnels.
>
> NYC in highest state of alert; full extent of damage on the ground
> not yet
> known.
> >>
> I was on the roof and that puts me 5 floors up.
> When I saw the smoke I just lost interest in putting up my new wire
> antennas.
> Time to light a candle and say a prayer.
> Bob:((
> WA2HOQrp <tm>

>
>
>
>
>
>
> ;
> ;
>
>
> ---
> My mail is certified virus free.
> If your computer gets sick, I didn't do it!!!
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.292 / Virus Database: 157 - Release Date: 10/26/01
>
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
> fpqrp-l -
>

Date: Mon, 12 Nov 2001 13:57:51 -0500
From: Alex <kr1st@amsat.org>
To: KD5NWA@mbayona.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111371] Re: Loops, trimmer caps and MFJ 269's
Message-ID: <3BF01BAF.68AAAAA2@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

KD5NWA wrote:

> One of the neat properties of a loop antenna is that it rejects, nearby
> electrical fields, such a local noise. I'm looking at setting one up myself,
> because we have a lot of local powerline noise, and the power company is not
> very sympathetic.

I've got the same problem, although I haven't contacted them yet since I
need figure out still where it exactly comes from. Anyway, the noise I
receive comes from one particular direction and I can almost completely
null it out with the loop (and yup, there are some suspect powerpoles in
that direction).

If you want to check first to see if a loop could be your answer, you
can make one from some wire and a variable capacitor out of an old
transistor radio (or one out of those \$5 mini boomboxes). That's what I

did before I build the one I got now.

73,
--Alex

Date: Mon, 12 Nov 2001 14:23:15 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kc0bom@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [111372] Re: [fpqrp] Just in case you haven't heard yet....
Message-ID: <3BF021A3.A7DB9E15@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And just what evidence are you pointing to? From every published reports it was a mechanical failure.

73

Date: Mon, 12 Nov 2001 14:32:09 -0500 (EST)
From: <igeq100@iupui.edu>
To: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111373] Re: Fort Wayne Hamfest
Message-ID: <Pine.GS0.3.96.1011112142730.759D-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Jim -

Certainly looking forward to the Hamfest and the forum. I'll be bringing along the latest in bug and paddle design, including my latest magnetic bug (actually a combination unit that I call a PaddleBug).

Hope to see you there and admire your latest efforts,

72,
Rich, WB9LPU

Date: Mon, 12 Nov 2001 14:45:16 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <Bob.Fairbairn@motorola.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [111374] Re: [fpqrp] Just in case you haven't heard yet....
Message-ID: <016801c16bb2\$8e4dd220\$6504b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That might be a little easier for you to comprehend than those of us who live in the NY metropolitan area.

I GUARANTEE you that the first thoughts were of another terrorist attack ! Our President is telling us to resume our normal lives, to fly again, and then THIS happens ! Let me tell you that many New Yorkers are spooked by the events of the last two months, and then this crash happens -- IN NEW YORK -- AGAIN !!

I live in a northern suburb of New York, about 50 miles north of "Times Square." I have F-16's flying over my house every night, and the rumbling is enough to wake me up out of my sleep. We're not living a very comfortable life here right now !

I'm not gonna lock myself up in my house, but things are DEFINITELY not normal ! Things might be a little different where you are.

Anyway -- just my perspective on things.....

Dick K2JQ

-----Original Message-----

From: Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, November 12, 2001 1:08 PM
Subject: RE: [fpqrp] Just in case you haven't heard yet....

>IF this would have happened two months ago, we would have said oh well and gone on with our lives.

>

>Light the candle, say the prayer if you need to, but go put that antenna up and be glad to live. DO NOT lock you self in your home and cry over it. Pick your self up and stand up for something.

Date: Mon, 12 Nov 2001 12:23:57 -0800
From: "Kurt Kiesow \ (Home\)" <kurt@kiesows.com>
To: <qrp-l@lehigh.edu>
Subject: [111375] I need to build a simple xtal oscillator
Message-ID: <BCEMLKJBANJPFPOHBEMKIEPKCHAA.kurt@kiesows.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all:

I'd like to build a little oscillator that can be used in conjunction with the "ScQRPion Stinger Singer" to test and sort crystals. I'd like to build this from a reasonably stocked junk box. It should fit in an Altoids tin. Also perfboard, Manhattan or ugly style construction will be preferable to etching a board...

Please mail me directly, as well as coping the list.

THX es 72,
Kurt A.F. Kiesow III - kf6qnc@arrl.net
KF6QNC
Fists #7231 -- QRP-L #2127
ARS #1064 -- ARCI #10956
K2 #823 -- K1 #10

Date: Mon, 12 Nov 2001 13:33:20 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu, glowbugs@piobaire.mines.uidaho.edu
Subject: [111376] RE: [fpqrp] O-Scope -club auction
Message-ID: <20011112.133323.-323771.7.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Seeing Ed's posting about having scopes available reminded me of last Saturday nite's club auction where besides a mess of parts, etc there was one fellow that got a nice Tektronix scope cart for something like 3 or 4 dollars, but he had to take the plug ins and the Tek 535 scope attached to the top of the cart. It appeared

physically to be in excellent condition.

And my 50 cent tr switch (12au7) 1961 HB design, works quite well. And the little rusty chasis I picked up for 25 cents paid for my entire evening - two 6v6's, a 5Y3 and 2 ea 12AX7's (Telefunken) which saved me a \$15 + plus order from Antique Electronics for a couple of used ones. New 12AX7's are still outrageous. Waiting for the next club auction.

73

Ray

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP# 111, SOC#78,ARCI 5784, El Paso,(FAR WEST)TEXAS

Date: Mon, 12 Nov 2001 15:40:10 -0500
From: "Marty N5NW" <n5nw@onebox.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [111377] RE: It's not about technical competence
Message-ID: <HKEIKBMFOAJDNCCMGNEBCECHCDAA.n5nw@onebox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Those still choosing to use pulse-dial phones probably have a distinct disadvantage in today's society. And those with non-standard tone phones are perhaps worse off than pulse-dial?

--

73 de N5NW/8
Marty
Dayton, Ohio

Date: Mon, 12 Nov 2001 15:59:19 -0500
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
To: qrp-1@Lehigh.EDU
Subject: [111378] FOX: Log for Nov 8, N8VAR
Message-ID: <0D6CE218BF54D211B37F00E0292657F40A8F57EB@susdayte03.daytonoh.ncr.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

I didn't do near as good as Steve,NOUR but I did OK. I finished the eve off with 87 contacts. I have read some comments about Thursday night which were very enlightening. One really needs to hear how the hounds are doing to get a complete picture. I know how frustrating it is to keep calling and not get answered.

The hounds were out in force big time. I had lots of good strong sigs which actually worked against me. They mingled together and made it very hard to pick out calls. I had no trouble copying the hound when he returned his exchanged usually. I did hear some BC coming in at the end but I had filters on, and everything else I could do to help narrow the pack so may not have heard it as bad as some. I checked my xmit freq from time to time and didn't notice anything but since I didn't monitor all the time could say if there was interference or not. I did hear some digital stuff between my xmit and recv freq though. I tried to stay 500hz to 1khz above my xmit freq which seemed to work out well for the hounds. At least they quieted down when I started xmitting which indicated to me they were hearing me pretty well.

I thought the pack would thin down some but it never did.

I used the Knitelights keyboard keyer for keying and a spreadsheet for logging. I thought it worked out pretty good but I did catch myself sending sometimes when I was trying to enter log info.:(

Tnx for all who gave it a shot!

72 de Ron, N8VAR
Fox, Nov 8, 2001

Call Sent	RST	Time	RST ST	Name	Pwr
WE9K	2:00	599	WI	GLENN	5W
W9SL	2:02	559	IL	RANDY	5W
I know I got the exchange but the call is all wrong:(					
K3IU	2:02	559	RI	KEN	5W
N4ROA	2:03	559	VA	DAN	5W
KB9YIG	2:05	559	IN	TOMMY	5W
Bob??					
KK5LD	2:06	559	TX	JIM	5W
W8VJW	2:08	559	MI	JOHN	5W
KV4EE	2:09	559	SC	CRAIG	5W
K7CU	2:10	559	MI	WIL	5W
UT??? Again, I thought I had this exchange down good but it didn't check right.					
K4ADI	2:12	559	SC	FRANK	5W
N3BJ	2:12	579	VA	ALAN	5W
N1TP	2:14	559	FL	TOM	5W

K0EVZ	2:15	579	ND	DOC	2W	
K8CV	2:16	559	MI	WALT	5W	
K9IS	2:17	559	WI	STEVE	5W	
W0CH	2:18	559	MO	DAVE	5W	
AA50	2:20	559	LA	VERN	5W	
KG4LDY	2:22	559	VA	JIM	5W	
WA0TDE	2:24	559	MN	JIM	5W	
AC5II	2:25	559	OK	DON	5W	
WA8BXN	2:27	559	OH	MIKE	5W	
KC1FB	2:28	559	CT	JIM	5W	
K5ZTY	2:29	559	TX	BILL	5W	
W5YR	2:30	559	TX	GEORGE	5W	
W5TB	2:32	559	TX	DOC	5W	
K9WIS	2:33	559	WI	BRIAN	1W	
K4BYF	2:34	559	FL	JACK	4W	
AF4PF	2:35	559	FL	MAC	3W	
K3PH	2:37	599	PA	BOB	5W	
NU8S	2:38	559	OH	DENNIS	5W	
AJ4AY	2:40	579	AL	JAY	5W	
K3NG	2:42	559	PA	GOODY	3W	
N4MAP	2:42	559	FL	SAM	5W	
N0UR	2:45	579	MN	JIM	5W	
W9XU	2:45	559	WI	LON	5W	
VA3JFF	2:47	579	ON	JEFF	5W	
N9NE	2:49	589	WI	TODD	500MW	
W0HEP	2:50	559	CO	RICH	5W	
AB0CD	2:52	559	CO	DICK	5W	
KR5C	2:52	559	TX	GEORGE	5W	
K4TJD	2:53	559	GA	TOM	5W	
N9AW	2:54	559	WI	JERRY	5W	
K5JHP	2:56	559	TX	BILL	5W	
N1FN	2:57	559	CO	ET	5W	
KC5ZZ	2:59	559	IL	WALT	5W	
VE5RC	3:01	559	SK	BRUCE	5W	
VE6KG	3:02	559	AB	NORM	5W	
N0AR	3:03	559	MN	SCOTT	5W	
K5LN	3:04	559	TX	BILL	5W	
AF4PP	3:05	559	GA	CHUCK	5W	
N5IB	3:06	559	LA	JIM	5W	
W0UFO	3:07	559	MN	MERT	5W	
KJ0C	3:08	559	MO	JIM	5W	
W0RSP	3:10	569	SD	ADE	2W	

KT4FJ	3:11	559	VA	MIKE	5W
K0FRP	3:12	579	CO	ALAN	5W
W0PWE	3:13	559	IA	JERRY	5W
N9IJ	3:15	569	IL	LEN	5W
N2WW	3:16	559	CO	LARRY	5W
N0DSP	3:18	599	CO	TOM	5W
KB1DXC	3:21	559	CT	MIKE	5W
NK9G	3:22	559	WI	RICK	5W
VE3FAL	3:23	559	ON	FRED	5D
WB8WTU	3:26	559	OH	DENNIS	5W
W5USJ	3:27	559	TX	CHUCK	5W
WV9N	3:29	559	OH	RANDY	5W
W2XN	3:30	559	FL	FRED	5W
KD5KXF	3:31	559	TX	MIKE	5W
K8KFJ	3:33	559	WV	GARIE	5W
KV2X	3:34	559	NY	TOM	5W
N9WW	3:35	599	IL	JIM	5W
K4FB	3:37	579	FL	PAUL	5W
VE6EX	3:39	559	AB	DAN	5W
N0RC	3:40	559	CO	ROD	5W
W8RU	3:41	559	MI	RON	5W
K3KD	3:43	559	TX	DAVE	5W
NX8C	3:46	559	MI	NEIL	5W
K5DW	3:47	559	TX	DON	5W
VE4WI	3:47	559	MB	CRAIG	5W
W5CW	3:48	559	LA	JOE	TW
NM5M	3:50	559	TX	ERNIE	5W
KF0UN	3:51	559	MO	COREY	5W
KQ5U	3:54	559	TX	TERRY	5W
VA6RF	3:56	559	AB	EARL	5W
K5EOA	3:58	559	LA	WAYNE	4W
KI0II	3:59	559	CO	RON	5W
N8VAR	4:00	XXX	OH	FOX	5W

Date: Mon, 12 Nov 2001 15:58:41 -0500
 From: "Lee Mairs" <lmairs@cox.rr.com>
 To: <AL7FS@ARRL.NET>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [111379] Re: Norcal Toroid, Resistor and Capacitor kit contents
Message-ID: <013901c16bbc\$d0daabe0\$6501a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim -
Thanks for the good news. I read the original post and was kicking myself
since I'd just ordered both toroids and an "all-value" resistor kick last
Friday!
73 de Lee, km4yy

I wish to have no Connection with any Ship that does not sail fast,
for I intend to go in harm's way
--John Paul Jones, November 1778

----- Original Message -----
From: "Jim Larsen AL7FS" <AL7FS@ARRL.NET>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, November 10, 2001 11:52 PM
Subject: Re: Norcal Toroid, Resistor and Capacitor kit contents

> These old posts were sent to QRP-L just to answer a couple of emails
> requesting information on what was in the kits. These kits are not
> available at this time.

Date: Mon, 12 Nov 2001 16:05:10 -0500
From: "Caitlyn M. Martin" <ku4qd@qsl.net>
To: qrp-l@lehigh.edu
Subject: [111380] Linux and ham radio (was: OT: RedHat 7.2)
Message-ID: <20011112160510.6f0ffd94.ku4qd@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi, Brad, and everyone else,
>
> I finally got enough nerv go from 7.0 to 7.2.

<edit>
>
> I installed as a workstation, and after reboot,

> everything just worked.
>
> NO problem!

I think you will find that most of the newer, better distributions are now at this point. RedHat 7.2 is certainly a popular choice, and we are a RedHat shop at work, so it's what I use. However, Mandrake Linux 8.1 is probably just a little more friendly to newcomers. Caldera OpenLinux eDesktop 3.1 and the latest SuSe Linux should be just as easy.

>
> Now if you ask the proverbial question.. (What's
> the advantage of this over a Microsoft OS??),
> I can't answer that. There really is not great
> advantage that I can see for me. It is however free,
> and fun to mess with.
> It's also faster on my 300 MHz Machine than win 98.

OK, you've already covered one big advantage. Depending on the window manager (desktop) chosen and the applications running, Linux is faster than most recent versions of Windows, sometimes much faster. That isn't 100% though. KDE, the most capable desktop and the friendliest to folks who know Windows, is pretty resource intensive. Netscape is equally bad with memory and therefore equally slow under Linux or Windows. So... YMMV, but generally you can get more mileage from your existing hardware by moving from Windows to Linux.

It is easier to properly secure a Linux box than a Windows box. Having said that, I should point out that if you don't keep up with security patches (RedHat calls them errata) you are just as vulnerable to attack under Linux as you would be under Windows. Basically, you need to educate yourself on security no matter what you run. The good news is that you probably can't catch most popular viruses. There have been a couple of worms targetting Linux (Ramen immediately comes to mind), but again, with a properly patched system, you are immune.

For hams there is a big advantage: Linux offers kernel-level support for AX.25 (packet radio) and a number of other digital modes, including some experimental ones. For the ham experimenter, Linux is a great idea. However, that support is not turned on by default, so you have to learn enough to manually recompile your kernel to use it. Basically, it's best to learn that from a Linux-knowledgable ham who also knows what the various ham radio kernel modules offer.

Oh, and Brad, you might want to check out gpsk31. It's very nice is you plan on running psk31 from your Linux based system.

73,
Caity
KU4QD

Date: Mon, 12 Nov 2001 14:11:08 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [111381] Switches on CMOS keyer
Message-ID: <Pine.LNX.4.33.0111121406320.3068-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I went to Radio Shack and they have a Tuner Cleaner at \$7.00 that I bought and took the cover off my Logikey Keyer K-1. The switches are kind of odd and rather open to the world. I sprayed onto the switches and it got all over but WOW!

No more 2 and 3 repeats of my messages now. The switches are easy to press and do it just once again.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Mon, 12 Nov 2001 16:14:50 -0500
From: "Caitlyn M. Martin" <ku4qd@qsl.net>
To: k2jq@bestweb.net
Cc: qrp-1@Lehigh.EDU
Subject: [111382] Re: [fpqrp] Just in case you haven't heard....
Message-ID: <20011112161450.46fedaa3.ku4qd@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi, Dick, and everyone else,

>
> I'm not gonna lock myself up in my house, but things are DEFINITELY not
> normal ! Things might be a little different where you are.

No, things aren't normal here in North Carolina either. I work in a federal facility. We had a fire drill recently, and a pleasant man in an army uniform asked me if I was a supervisor. I am not (by choice, I might add), but I pointed him to someone who was. He was checking to make sure everyone was

accounted for. I am not at all used to having the US Army protecting me. I am happy they are doing it, but... all the same, it's not the most comfortable feeling, and it is definitely not normal.

At least it wasn't normal prior to September 11. Now having a military presence at our facility has become normal, and I suspect it will be the rule for quite some time to come.

73,
Caity
KU4QD

Date: Mon, 12 Nov 2001 21:27:23 -0000
From: "Paul Warman" <pswarman@pswarman.screaming.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [111383] Wtd MFJ 259 Antenna Analyzer
Message-ID: <MABBKIIDPNDFPNFIOFJLMECKCAA.pswarman@pswarman.screaming.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have an MFJ259 Antenna Analyzer for sale that they are no longer using. If so please e-mail me off list and state your price. Many thanks.
Paul
G00DP

Date: Mon, 12 Nov 2001 16:41:13 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: ku4qd@qsl.net, qrp-l@Lehigh.EDU
Subject: [111384] Re: [fpqrp] Just in case you haven't heard....
Message-ID: <F150w1WySvX5w0Yg83a00000eef@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ditto what Caity said....Things here in the Tarheel state are not normal...I have to submit to searches now where before my security pass got me thru with a good morning and a wave of the hand. There are agent outside federal buildings looking under trash cans, and even outside city and county facilities as well. The only thing normal is I still can't have outdoor antennas, and I am still striving for the perfect compromise with TVI, attic space, not enough money, no new flashy FT1000MP, ETC, ETC, ETC.
The upside is I am still enjoying life and HAM RADIO!

73,
Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."
Albert Einstein (1879-1955)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 12 Nov 2001 16:41:59 -0500
From: fcsw@juno.com
To: qrp-l@lehigh.edu
Subject: [111385] FS MFJ mod 259 & Palomar Eng. RX Noise Bridge
Message-ID: <20011112.164201.-3735797.1.fcsw@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FS MFJ model 259 HF VHF Analyzer
with Grid Dip coils, black fabric carry case
and floppy diskette w/PDF "manual for 259B"
\$150. 0B0
FS Palomar Eng. RX Noise Bridge.
\$40 0B0

Dick, W2SCF
609 646 0231
fcsw@juno.com

Date: Mon, 12 Nov 2001 16:40:58 -0500
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [111386] MT63 & that Windows bonk

Message-ID: <20011112.164112.-301049.2.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

Well, I actually heard (and copied!) some MT63 this weekend. I even called CQ once only to discover that the guy whom I'd heard one side of a Q on was still Qing with the guy I couldn't hear. And I was off frequency. Man does that stuff eat up space . . . and spread all yer output across a big wide splootch of bandwidth with a very tiny -- miniscule, actually -- signal. Not like a big American signal . . . which is huge, actuarry . . .

That one's gonna take some time to figure out. Like which sideband & if I have to resynch every time I hear/see a signal. Among other follies.

And then I discovered that I had the wires in the wrong holes on my sound card. Once I got that figured out I didn't have to pound that much AF out & I could control the "sidetone" level better. Which is nice when I'm sittin' here & Cid's takin' a nap or something like that.

And yes, the cat is still hyper & no I ain't found a source for feline Ritalin yit.

Back in the 60s we used to get the cat high. Kinda like Towellee on South Park, but different. Like you don't always have to take a cat with you.

And then there's this poor guy who keeps keying his transmitter with that "bonk" noise that Window's does when you try to do something that it doesn't want to do or won't let you do, 'cause it's in charge all the time anyway.

Maybe next weekend I'll fix the antenna up some more . . .

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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Date: Mon, 12 Nov 2001 16:54:38 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: "FPQRP" <fpqrp-1@mpna.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
Subject: [111387] Re: [fpqrp] Just in case you haven't heard yet....
Message-ID: <005201c16bc4\$a0dbb580\$7904b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Then why am I reading reports about an explosion on board ?

The rudder and stabilizer were blown away from the plane.

Sounds like more than mechanical failure to me !!

Dick K2JQ
-----Original Message-----
From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, November 12, 2001 2:27 PM
Subject: Re: [fpqrp] Just in case you haven't heard yet....

>And just what evidence are you pointing to? From every published
>reports it was a mechanical failure.

>
>73
>

Date: Mon, 12 Nov 2001 17:01:43 EST
From: WE7X@aol.com
To: qrp-1@lehigh.edu
Subject: [111388] HW-8 mod questions
Message-ID: <4b.1411812c.2921a0c7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just picked up a fairly decent HW-8 at a club auction for a cheap price. The transmitter and receiver functions work fine.

It has an inoperative crystal controlled 50 KHz marker generator (yes, it gets power when its switch is turned on), and a couple of other obvious mods; one of which is a 12 position rotary switch on the upper rear corner, above the new BNC antenna connector. The included manual shows the change as a tapped inductor, which is electrically in series with the RF output lead from the T/R relay to the BNC connector. The rotary switch sequentially shorts out sections of the 6.8uH inductor, until at the lowest position, there is just the 15uH tap in the circuit.

The values given for the inductance taps are from 15uH to 6.8uH. In the last position of the switch ('above' the 6.8uH tap) the output circuit is open.

I have confirmed that this is actually the way it is wired-an open circuit in one position of the switch. The coil is about 35 turns of maybe #20 wire on a nom. 3/4 poly coil form. It is quite well done.

The second questionable mod is a curious single torroid and series trimmer cap, mounted on a small piece of pc board in the vicinity of the RF/and AF gain controls and the antenna preselector. One end of the trimmer cap grounded and the high end of the torroid unconnected. There is a small terminal post on the perf board for a connection, but no indication that it has ever been connected to anything in the area.

Can anyone tell me what these modifications were supposed to do? I have the HW handbook by Mike Bryce, and there is no mention of anything remotely resembling these items in there.

The next step will be to pull the lid off of my other HW-8 so I can compare it to a stock chassis.

Thanks for any input.

Rod Johnson WE7X
Issaquah, WA.

Date: Mon, 12 Nov 2001 16:03:28 -0600
From: Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>
To: "'k2jq@bestweb.net'" <k2jq@bestweb.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [111389] RE: [fpqrp] Just in case you haven't heard yet....
Message-ID: <50A3595A9022DE4D8FB4702CD4F79CF7556C78@il06exm25.ds.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Have you ever seen what happens when a turbine that size breaks up under power? IT is NOT a pretty site. IT could rip the wing off.

Bob

-----Original Message-----

From: Richard Brummer, K2JQ [mailto:k2jq@bestweb.net]
Sent: Monday, November 12, 2001 3:55 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [fpqrp] Just in case you haven't heard yet....

Then why am I reading reports about an explosion on board ?

The rudder and stabilizer were blown away from the plane.

Sounds like more than mechanical failure to me !!

Dick K2JQ

-----Original Message-----

From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, November 12, 2001 2:27 PM
Subject: Re: [fpqrp] Just in case you haven't heard yet....

>And just what evidence are you pointing to? From every published
>reports it was a mechanical failure.

>

>73

>

Date: Mon, 12 Nov 2001 14:04:06 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Kurt Kiesow \ (Home\)" <kurt@kiesows.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [111390] Re: I need to build a simple xtal oscillator
Message-ID: <20011112220406.29682.qmail@earthlink.net>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Monty N5FC just posted the project that you are looking for. Check his web page out at: http://www.io.com/~n5fc/xtal_checker.htm . He also used the Stinger Singer to check the frequency. Take care...

72/73's

Trev
KG6CYN

-----Original Message-----

From: "Kurt Kiesow \ (Home\)" <kurt@kiesows.com>
Date: Mon, 12 Nov 2001 12:23:57 -0800
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: I need to build a simple xtal oscillator

> Hello all:
>
> I'd like to build a little oscillator that can be used in conjunction with
> the "ScQRPion Stinger Singer" to test and sort crystals. I'd like to build
> this from a reasonably stocked junk box. It should fit in an Altoids tin.
> Also perfboard, Manhattan or ugly style construction will be preferable to
> etching a board...
>
> Please mail me directly, as well as coping the list.
>
> THX es 72,
> Kurt A.F. Kiesow III - kf6qnc@arrl.net
> KF6QNC
> Fists #7231 -- QRP-L #2127
> ARS #1064 -- ARCI #10956
> K2 #823 -- K1 #10
>
>
>
--

Date: Mon, 12 Nov 2001 15:08:02 -0700
From: "Bert Herald" <wf7i@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [111391] [Elmer 101] Ohm's Law and kits
Message-ID: <F44A7L3l9a7fWom6Lij000243e2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hello everyone. I'm sending the check in the mail today for my kit. I think this is a great idea. I've dabbled with building QRP rigs before, but never had a forum like this to share ideas. Maybe we can bring some more RF design expertise into our hobby.

As far as Ohm's Law ($V = I \times R$) is concerned, your analogy below is a great one.

I used a similar analogy when explaining to a non-electronics friend why his 12V car battery does not electrocute him, even though it can deliver 100 Amps or more cranking current when needed to start the engine.

When the resistance is high enough, very little current can conduct -- such as is the case with your skin in contact with only 12V of "pressure". However, increase that pressure to 120V, like your AC outlet in the house, and enough current can now conduct to cause a BIG problem for you! With zero resistance, the "faucet" is wide open, allowing, theoretically, an infinite amount of current to flow for any non-zero voltage (or "pressure").

Since no real conductor has zero resistance (other than super conductors -- but those are beyond the scope of this class!), there is always some resistance in every circuit, and current is thus limited.

To really understand what is going on beyond the Ohm's Law rule of thumb involves studying the nature of charge flow via the atoms of the materials, and how tight or loose they hold on to their respective electrons. It's an interesting subject, rooted in physics and quantum mechanics theory, and is part of the foundation of what all semiconductor theory (ie, microchips, ICs, etc) is based upon.

73's and enjoy,

Bert WF7I

----- Original Message -----

From: Steve Thompson <steve@xcvr.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Sunday, November 11, 2001 6:21 PM

Subject: [Elmer 101] E/I/R Analogy

Alright Elmer 101 people, are you reading up on basic DC theory?
(prerequisite for the class)

As I'm reading through Chapter 5 of the ARRL Handbook, I remember there was a simple analogy for the relationship between Voltage, Current and Resistance that I learned when I was doing basic study for my Novice Class license. It describes these three properties using water in a hose. The flowing water itself is the current, the water pressure is the voltage, and the faucet is the resistance.

Is this the correct analogy?

Does anybody else have a valid analogy that will help the beginner understand the relationship between these properties?

72,
Steve N7TX
Irving, TX

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 12 Nov 2001 17:17:39 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: qrp-1@Lehigh.EDU
Subject: [111392] Re: I need to build a simple xtal oscillator
Message-ID: <5223-3BF04A83-2856@storefull-262.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Kurt and et al..

That was the one I was talking about. Just built one today as a matter of fact and it works great!

72

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348
FP #-347 SOC#499
Web Page <http://www.qsl.net/wb0wao>

Date: Mon, 12 Nov 2001 17:25:25 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <Bob.Fairbairn@motorola.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [111393] Re: [fpqrp] Just in case you haven't heard yet....
Message-ID: <009d01c16bc8\$eff003c0\$7904b3d8@obvious>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It appears that that is exactly what it did ! but the tail section ?

The FBI is saying that they suspect an on-board explosion; other authorities are indicating mechanical failure. Meanwhile, JFK airport is closed too outgoing flights while possible fuel contamination is being investigated.

Dick K2JQ

-----Original Message-----

From: Fairbairn Bob-C12509 <Bob.Fairbairn@motorola.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, November 12, 2001 5:05 PM
Subject: RE: [fpqrp] Just in case you haven't heard yet....

>Have you ever seen what happens when a turbine that size breaks up under power? IT is NOT a pretty site. IT could rip the wing off.
>

Date: Mon, 12 Nov 2001 17:39:52 EST
From: IamSF5@aol.com
To: antennas@qth.net, qrp-L@lehigh.edu
Cc: fpqrp-l@mpna.com
Subject: [111394] Meteor storm.....NOV 18 th
Message-ID: <128.772fa10.2921a9b8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Scientist say this meteor shower will be the biggest in the last 35 years.
Bob
WA2HOQrp <tm>

Date: Mon, 12 Nov 2001 18:01:49 -0500
From: fcsww@juno.com
To: qrp-l@lehigh.edu
Subject: [111395] Re: FS MFJ mod 259 & Palomar Eng. RX Noise Bridge
Message-ID: <20011112.180150.-3596301.2.fcsww@juno.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The MFJ 259 is gone.

FS Palomar Eng. RX Noise Bridge.
\$40 OBO

Dick, W2SCF
609 646 0231
fcsww@juno.com

Date: Mon, 12 Nov 2001 16:21:30 -0700
From: "Bert Herald" <wf7i@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [111396] [Elmer 101] Software help
Message-ID: <F197k4xWHhpRzrC6WkM00016551@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

A quick question as I await my kit in the mail --

--Do any of the elmers know of a good either shareware or inexpensive PSPICE program? What are your opinions?

--Since PSPICE is primarily (as far as I know) a time-domain tool, do any of you recommend a frequency-domain analyzer for RF circuits? A guy at work has mentioned some, but they were expensive industry tools which are not commonly available.

And, perhaps slightly off-topic, but related, since we have to plug the rig into an antenna at some point -- do any of you have ideas on antenna modelling software, shareware/payware?

Thanks for help,73s,
Bert WF7I

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

End of QRP-L Digest 2371
